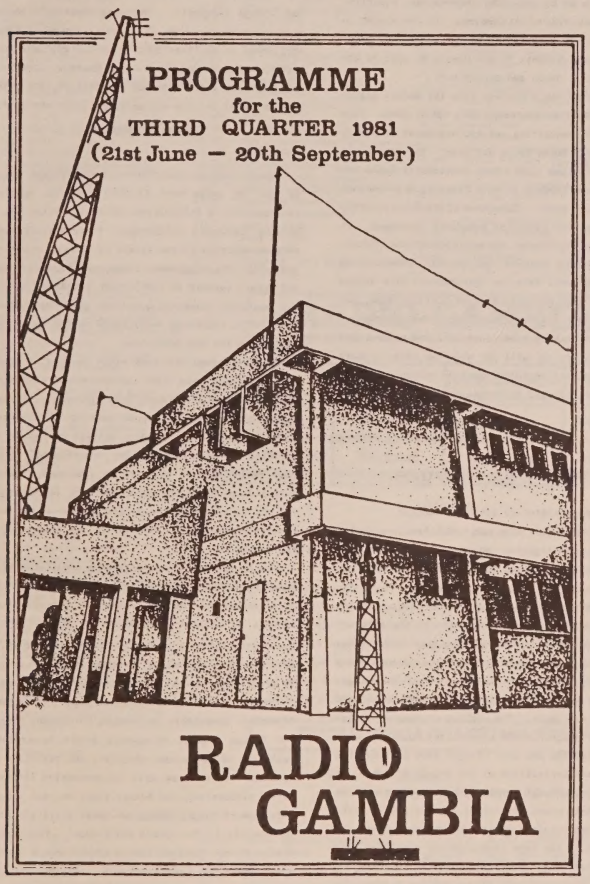
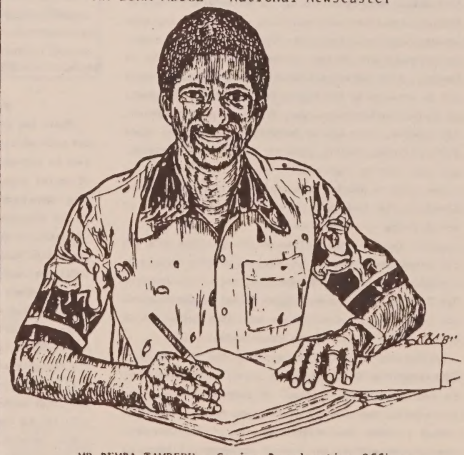
REVIEW OF INTERNATIONAL BROADCASTING



MR BORA MBOGE - National Newscaster



MR BEMBA TAMBEDU - Senior Broadcasting Officer

Issue 73 February, 1983

$1.25 ISSN 0149-9971 Edited & Published by Glenn Hauser

A SHORT HISTORY OF RADIO GAMBIA

The first actual broadcast in The Gambia dates back 39 years to 1942. It was a low-powered transmission operated by the colonial authorities with the objective of disseminating news to Senegal. The ventyre did not live long. After a few months it was abandoned in favour of a bigger and more powerful station planned for Accra, in the then Gold Coast. There was no opposition from the local people to the idea of discontinuing the Banjul transmission of 1942, mainly because very few people benefited from it. In fact, records show that at the time, only about 34 local inhabitants owned radios, so the loss of the 1942 broadcasts had little or no impact at all.

The authorities however, did not want the vacuum caused by the cessation of the service to remain, so they installed a public address system for Banjul in 1943. The objective of this move was to provide a channel of communication for the governor whose duty included keeping the people informed of the British Government's colonial policy. The system was used by the governor himself to deliver his quarterly messages. The public address system proved to be so successful and cheap that a suggestion to replace the 1942 transmissions with a redif-fusion system for Banjul and the Kombos never materialized.

On 30th December 1948, ex-R A F transmitters at Lamin Village were commissioned for public use. This bold attempt at the introduction of broadcasting was also short-lived. There were reports of good reception, spo-radic as they may have been, in places as far away as Liberia and Sierra Leone and much nearer home at Mansa-Konko. These results were possible only as long as transmissions continued to emanate from the Lamin site. But for some unknown reason, it was decided that the transmitters were to be transferred from Lamin to Banjul. So the equipment found its way to Wellington Street in Banjul. One could only speculate as to what may have possibly happened, but to the disappointment of everyone, the transmitters failed to perform satisfactorily in Banjul. Even the minimal success achieved in Lamin could not be attained at Wellington Street. Different parts of the country attained varying degrees of poor reception. For example, there was no reception at all in the Upper River Division, fairly good at Kaur, poor at Brikama, and very poor at Cape Point. Banjul itself was in the sorry state of people with receivers that could not be tuned to the frequency in use. So the whole idea of broadcasting was again a failure.

Such was the state of broadcasting in the 40's and the decade ended without any serious strides being made towards conventional radio broadcasting in this country. The R A F equipment at Wellington Street became obsolete and ended up being sold for no more than D1000, which was the final death blow to broadcasting.

After some five years of inactivity, the then Bathurst Town Council in 1955 attempted to prevail upon government to install a radio station. No immediate success was forthcoming, but eventually the reply received was that "other projects have higher priority." The 50's were also to pass without any sign of broadcasting becoming a part of Gambian life. The only meaningful single phenomenon in this decade was the agreement between the government and Cable and Wireless to hire a radio tele-phone transmitter for two hours every day for the purpose of public broadcasting. It was at best an agreement which needed further studies about the practicalities involved. These took two years to complete and on the 1st of April, 1961, the first test transmissions were started. Three days of tests followed. The signals, though not very satisfactory, were much better than either the Lamin or Wellington Street transmissions on the ex-R A F equipment.

The test transmissions continued for a while until a suitable frequency was identified. This happened to be 4.82 MHz in the 60 metre band shortwave. It was never a satisfactory signal for sound broadcasting purposes. It was not only the frequency that proved to be difficult, even studios were a problem. There was a whole series of movements in search of suitable accomodation for the studios: from the office of the Manager of Cable and Wireless to his house, from there to the garage at No 3 Marina Parade, then to the Quadrangle, and finally to a converted kitchen and boys' quarters at Marina Parade where Radio Gambia stayed until the completion of the modern studio complex at Mile 7 in November 1970.

After 20 years of uncertainty, Radio Gambia was finally born on the 1st of May, 1962. Its objectives were and will continue to be to serve the information, education and entertainment needs of all Gambians. In the execution of this task, it is expected to report government plans policies and achievements to the people as well as the people's thoughts, deeds and aspirations.

Radio Gambia is now a long way from the modest begin-nings of 1962. Many developments have taken place. From the two hours of broadcasting, we can now boast of a daily average of some fifteen hours air time. The Station is now operating its own transmitter stations at Bonto and Basse with modern studios at Mile 7 serving as production and transmission centre. The number of staff has markedly increased as has the number of broadcast languages. In the not too distant future, our newly established Educa-tional Broadcasting Service and general broadcasting service will benefit from the introduction of a second channel which will not only give us a wider scope, but will also give our listeners a choice of two programmes. This is how far we have come since 1962 and we hope that as the years go by, we will be able to offer a wider choice of programmes in fulfillment of our objective of informing, educating and entertaining you.

Bemba Tambedu
Senior Broadcasting Officer

PROGRAMME PROFILES

MEMBE KERING/LU XEEW DI NJAMBAAT

These two counterpart programmes of half hour durati-on are each of an investigative nature. Compilations are done by our own staff on any topic that is thought to be of social concern to the community. In the past, the programmes have investigated the problem of petty stealing in the Serrekunda Market and congestion at the adjacent taxi park. Serrekunda is a fast-growing town with a large population that poses immense problems for everyone. Our programmes dealt with these problems with a view to enligh-tening members of the community and making them aware of the need for vigilance. The problem of congestion has taken our microphones to the authorities concerned with urban administration who were brought face to face with the thoughts and aspirations of the people affected. We will continue to attempt to draw public opinion to these and other social issues. Producers and the public alike will try to find possible answers while sensitizing the public opinion in the hope that somevody somewhere will take the initiative to combat the problem. These objec-tives should be maintained if we are to continue to provide this unique forum for public discussion of our social needs.

AGRIC BANTABA

The backbone of our newly established Rural Broad-casting and Adult Education Service, the programme has been with Radio Gambia for more than ten years, albeit under different names. For example, it used to be called 'Farming Forum' before it was incorporated into 'You and Our National Development'.

Despite the changes in name, the objective of the programme has remained the same - to provide farmers and the rural community in general with information and ideas that will help them to improve their work and way of life. The programmes range from Agriculture to Co-operatives, and from Health to Community Development.

All Agric Bantaba programmes are made through the active participation of the relevant government department which supplies the technical data. Because of the impor-tance of rural development and because Agric Bantaba is in support of such development, further developments would be encouraged in the areas of integrated production strategies to eventually lead us toward organized radio learning groups.

Other Rural Broadcasting and Adult Education programmes include the popular weekly women's programmes, 'Musol Taa' and 'Jotayi Jigeenyi'. 'Motoring Magazine', though not strictly rural in nature, falls under our Adult Education programmes as do 'Teesito', 'Price Control', and the 'Con-servation Programme' whose caption says, "We have not inherited the earth from our forefathers, but rather we have borrowed it from our children (yet unborn)."

COSAANI SENEGAMBIA

This is perhaps one of the most significant programmes we run. It dates back to 1972 when the agreement on co-operation in information and broadcasting was signed between The Gambia and Senegal. It is a shining example of co-production in the spirit of mutual understanding and trust. The programmes, mainly oral history in Mandinka and Wolof, exploit to the extent possible the wealthy and ingenious talent of our local griots and historians. Material is collected every three months on a rotation basis from the two countries.

At the appropriate time every quarter, a production team travels to the host station whose responsibility it is to make all necessary preliminary arrangements and appointments for the smooth running of the exercise. This normally lasts a week and all the material thus gathered is later compiled for simultaneous broadcasts over both national stations at 1205 each Sunday. The host station being the producers, are also responsible for the broadcast of the programme, while the visiting station is required to synchronize its transmission with the former.

The programmes have fostered a great deal of under-standing between Senegambians in general and between broadcasters of the two countries in particular. The success of Cosaani Senegambia has perhaps encouraged authorities of both countries to become more willing to extend such co-operation to other areas such as film and TV programmes as well as the exchange of information.

On a much broader social spectrum, one finds the annual 'Penca' a remarkable by-product of Cosaani Senegambia. The Pencam Cosaani Senegambia as it is called, is a gathering of government ministers and officials of both national stations as well as interested listeners for lively discussions, and brains trust on past programmes, quiz competitions, drama and music festivals organized bi-annually in The Gambia and Senegal. This spectacular mini cultural festival has in recent years been in the rural areas of both countries, thereby bringing the benefits of radio to the rural people who constitute the majority of our listeners.

It could be said therefore, that quite apart from fostering understanding between Senegalese and Gambian broadcasters, the Cosaani Senegambia programmes have succeeded to a large extent in bringing our two peoples closer together. In the event, they have been better informed and educated about each other's cultural history, traditions, and aspirations. We have been made to become aware that, by and large, the peoples of the Senegambia are one people.

SUNDAY

07.55 Call Sign
07.57 Programme Parade
08.00 Morning Prayers and Hymns
08.30 Jotayi Terangа
09.00 Hello Tomorrow
09.30 Bul a ci Geenal
11.30 Sunday Service
12.00 Interlude
12.05 Cosaani Senegambia
12.30 Ño Sewundo
12.45 Obituary Announcements
13.00 World and National News
13.30 Public Announcements
14.00 Jotayi Jigéeni
14.45 Ño Yamari Kaafo
15.15 Baar Saloum
15.40 Literary Corner/
Choosing a Career
16.00 Motoring Magazine
16.30 Popular Requests
18.00 Afro Carib Show
19.00 National News
19.30 Ballet
20.00 World News
20.10 Community Hymn Singing
20.30 Your History
21.00 National News
21.30 Na Xeew di Njambaat/
Membe Kerig
22.00 Viewpoint
22.30 Xalam
23.00 Melody Time
23.30 Kora
23.45 Epilogue
23.55 National News Summary
00.00 Close Down

MONDAY

06.25 Call Sign
06.27 Programme Parade
06.30 Recitation from the
Holy Quran
07.00 World and National News
07.30 News of the African World
07.35 Obituary Announcements
07.40 From Ticker Tape and
Telephone
08.00 Fanno Keeta
08.30 Mainly for Women (RPT)
09.00 Morning Express
10.00 English for Primary 1
10.30 Sing Along
10.45 English for Primary 2
11.15 The Late Morning Spin
12.00 National News (in Fula,
Jola, and Serahule)
12.30 Manding Julo
13.00 World and National News
13.30 Public Announcements
13.50 Obituary Announcements
14.00 Close Down

16.55 Call Sign
16.57 Programme Parade
17.00 Sewo-Tumo
17.30 Teesito (Wolof)
18.00 National News (English,
Wolof, and Mandinka)
18.45 Variety Show
19.15 Yewtere Fulbe
19.45 The Conservation Programme
20.00 World News
20.10 Public Announcements
20.30 Agric Bantaba (Animal
Health and Production)
21.00 National News (in Fula,
Jola, and Serahule)
21.30 Xam Sa Aada
22.00 News at Ten
22.30 I Remember
23.00 National News Summary
00.00 Close Down

TUESDAY

06.25 Call Sign
06.27 Programme Parade
06.30 Recitations from the
07.00 World and National News
07.30 News of the African World
07.35 Obituary Annbuncements
07.45 UN Report
08.00 Fanno Keeta
08.30 Motoring Magazine (RPT)
09.00 Morning Express
10.00 English for Primary 1
10.30 Sing Along
10.45 English for Primary 2
11.15 The Late Morning Spin
12.00 National News (in Fula,
Jola, and Serahule)
12.30 Manding Julo
13.00 World and National News
13.30 Public Announcements
13.50 Obituary Announcements
14.00 Close Down

16.55 Call Sign
16.57 Programme Parade
17.00 Sewo-Tumo
17.30 Tourism
18.00 National News (English,
Wolof, and Mandinka)
18.45 Develop Your Community
19.15 Musol Taa
20.00 World News
20.10 Public Announcements
20.30 Agric Bantaba (Co-ops)
21.00 National News (Fula,
Jola, and Serahule)
21.30 Talking Sports
22.00 News at Ten
22.30 Tarixo (Mandinka)
23.00 Africa Features
23.55 National News Summary
00.00 Close Down

WEDNESDAY

06.25 Call Sign
06.27 Programme Parade
06.30 Recitations from the
07.00 World and National News
07.30 News of the African World
07.35 Obituary Announcements
07.45 Fanno Keeta
08.15 Jotayi Jigéeni
09.00 Morning Express
10.00 Social Studies for
Primary 1
10.30 Sing Along
10.45 Social Studies for
Primary 2
11.15 The Late Morning Spin
12.00 National News (in Fula,
Jola, and Serahule)
12.30 Ndat Saay
13.00 World and National News
13.30 Public Announcements
13.50 Obituary Announcements
14.00 Close Down

16.55 Call Sign
16.57 Programme Parade
17.00 Sewo-Tumo
17.30 Teesito (Mandinka)
18.00 National News (English,
Wolof, and Mandinka)
18.45 Focus/Talking Point/
UN Africa/Perspective
19.15 Kameeka (Jola)
20.00 World News
20.10 Public Announcements
20.30 Agric Bantaba (Forestry)
21.00 National News (Fula,
Jola, and Serahule)
21.30 Kriole Corner
22.00 News at Ten
22.30 Tarixo (Wolof)
23.00 Greetings by Radio
23.55 National News Summary
00.00 Close Down

THURSDAY

06.25 Call Sign
06.27 Programme Parade
06.30 Recitations from the
07.00 World and National News
07.30 News of the African World
07.35 Obituary Announcements
07.45 Fanno Keeta
08.15 Musol Taa
09.00 Morning Express
10.00 Social Studies for
Primary 1
10.30 Sing Along
10.45 Social Studies for
Primary 2
11.15 The Late Morning Spin
12.00 National News (in Fula,
Jola, and Serahule)
12.30 Manding Julo
13.00 World and National News
13.30 Public Announcements
13.50 Obituary Announcements
14.00 Close Down

16.55 Call Sign
16.57 Programme Parade
17.00 Hospital Requests
17.30 Ethics of Islam
17.45 Fula Quarter Hour
18.00 National News (English,
Wolof, and Mandinka)
18.45 Price Control/I B A S
19.15 Do You Know
19.50 Rewbebe Kettoden
20.00 World News
20.10 Public Announcements
20.30 Agric Bantaba (joint prod)
21.00 National News (in Fula,
Jola, and Serahule)
21.30 Xam Xaam
22.00 News at Ten
22.30 Viewpoint (RPT)
23.00 Tarixo (Mandinka)
23.25 Hadith (Hadis)
23.55 National News Summary
00.00 Close Down

FRIDAY

06.25 Call Sign
06.27 Programme Parade
06.30 Recitations from the
07.00 World and National News
07.30 News of the African World
07.35 Obituary Announcements
07.45 The Conservation Programme
08.00 Fanno Keeta
08.30 Rewbebe Kettoden (RPT)
09.00 Morning Express
10.00 Yowmal Jumaat
11.15 The Late Morning Spin
12.00 National News (in Fula,
Jola, and Serahule)
12.30 Public Announcements
12.50 Obituary Announcements
13.00 World and National News
13.30 Sikaar
13.45 Friday Prayers
14.05 Sikaar
14.15 Close Down

16.55 Call Sign
16.57 Programme Parade
17.00 Muslim World
18.00 National News (English,
Wolof, and Mandinka)
18.45 Siyaare
19.15 Jamaano
19.45 Serere Quarter Hour
20.00 World News
20.10 Public Announcements
20.30 Agric Bantaba
21.00 National News (in Fula,
Jola, and Serahule)
21.30 Kora
22.00 News at Ten
22.30 Tarixo (Fula)
23.00 Contact
23.55 National News Summary
00.00 Close Down

SATURDAY

06.25 Call Sign
06.27 Programme Parade
06.30 Recitations from the
Holy Quran
07.00 World and National News
07.30 News of the African World
07.35 Commonwealth This Week
07.40 Obituary Announcements
07.45 Do You Know
08.00 Fanno Keeta
08.30 Mainly for Women
09.00 Children's Half Hour
09.30 Express Special
10.30 Bul a ci Geenal
12.00 National News (in Fula,
Jola, and Serahule)
12.30 Drumbeat
13.00 World and National News
13.30 Public Announcements
13.50 Obituary Announcements
14.00 Saturday Club
15.45 Bantaba
16.15 Agric Bantaba (Fisheries)
16.30 Comedy Time
16.45 Jéflante
17.15 Gambay Goumbay Boys
17.45 B B C Sports Roundup
18.00 National News (English,
Wolof, and Mandinka)
18.45 Ja Saano
19.15 Ne Faxamunde
19.45 Obituary Announcements
20.00 World News
20.10 Science Journal
20.30 Jaata Kendeya
21.00 National News (in Fula,
Jola, and Serahule)
21.30 Xalaat
22.00 The Gambia This Week
22.30 Tarixo (Mandinka)
23.00 Saturday Nite with
African Bands
23.55 National News Summary
00.00 Close Down

RADIO GAMBIA

G.M.T.	SERVICE	FREQUENCY	STATION
0630-1400	National	648 & 774	Bonto/Basse
1700-0000	National	648 & 774	Bonto/Basse

VIEWPOINT

Introduced in our schedule for the first time, the programme replaces 'My Guest' which had been running for a considerable length of time. 'Viewpoint' is a 'getting to know you' type of programme in which the presenter, Jay Saidy, talks to people of various walks of life in the community about issues that affect them and society.

The broadcast time (2200 hours, Sundays) remains the same, but an added dimension envisaged for the programme is the treatment of national as well as international issues through panel discussions.

TOTAL BROADCASTING HOURS

Per Week: 108 hours
Daily Average: 15.42 hours

(Here reproduced are almost the entire contents of a booklet received by Ronald Gretz, Fayetteville, Arkansas. The info is a sesquiyear old so may be mainly of historical interest.)

TUNE IN TO RADIO GAMBIA

Our main transmitters are located at Bonto, about 32 km outside Banjul on the South Bank of the River. This station operates on two 10 KW Medium Wave (MW) transmitters which give out signals on 648 kilohertz (Khz). To get this frequency, switch your band selector to MW and then roll your dial to 648. This frequency may not be indicated, but it lies between 600 and 700 which are clearly marked on most sets.

648 KHz satisfactorily serves listeners in Banjul and its environs, Western Division, North Bank, Lower River, and MacCarthy Island Divisions. Listeners in the Upper River Division could tune in to 648, but they would experience a higher level of static interference and there could be reception difficulties at certain times of the day.

For Upper River listeners, there is a better choice offered by our relay station in Basse. This station is run on two 1 KW Medium Wave transmitters on 744 KHz. By following the same tuning procedure as outlined above, Upper River listeners can get a much better reception. Listeners in other areas cannot benefit from 744, except a few in certain parts of MacCarthy Island Division.

Finally, listeners in Banjul and Serrekunda areas who possess radios with FM facility could benefit from high quality signals on our VHF link between Mile 7 and Bonto. These are two in number, 88 MHz and 96 MHz. They are actually not service frequencies, but if you can get them, it will cost us nothing, and you are assured of high quality signals at all times! Good Listening.

LANGUAGES

English, Fula, Jola, Kriole, Mandinka, Serahule, Serere, Wolof

THE REPUBLIC OF THE GAMBIA

EQUIPMENT FORUM

edited by David Newkirk, 11339½ 8th Ave NE, Seattle WA 98125

REPORT ON PERFORMANCE: ICF-7600A (Howard L Huddleston, MD, Houston TX) I was fortunate enough to have two days with one of the new Sony ICF-7600A receivers recently, ordered from 47th St Photo in New York for slightly under $100. The receiver is in direct competetion with the Panasonic RF-085, which I have used quite a bit in the past, and the Grundig Yachtboy, which I have not. For approximately $20 more, the Sony unit offers a simply gigantic improvement over the RF-085. Their sizes are similar -- about that of a paperback book, thus, one might expect their major purposes to be listening-on-the-go. My experiences with the Panasonic led me to believe it adequate for that purpose if one stayed with the major broadcasters and was willing to hunt aimlessly for the strongest signals. The tuning mechanism of that receiver requires a jeweler's touch, consequently limiting it to hopeful exploration unless in the hands of an experienced DXer. Sony has virtually eliminated that problem, in the same size package, for only slightly more money.

In its update from the 7600, Sony has retained its bandspread-type tuning dial with frequency ranges divided into 50 kHz increments. In practice, tuning can be accomplished down to approximately 10-15 kHz accuracy. The receiver is dual conversion, and is relatively untroubled by images, especially when compared to the RF-085. It is an SWL receiver, without bfo, covering the 49, 41, 31, 25, 19, 16 and 13-meter bands. The two upper ranges and the 41-meter band are additions from the 7600, which also had the 75-meter band. Interestingly, the dial calibrations do not extend for the entire tuning range. Consequently, the dial halts at 11.7 MHz, but the receiver can be tuned easily down to about 11.6. There is a slide-type volume control, a three-position tone switch (the last position of which is labelled "voice" and seems to be the best for general SWLing), and a slide-type band selector. It has tape and earphone jacks, and a dc power input. An external antenna could be inductively wrapped around the whip, but there is no direct connection for an external aerial. The whip appears sturdy, perhaps more so than the one on the RF-085 (I had to replace one once). For people who might throw their radios into the suitcase, there is a well-functioning lock-button for keeping the radio off.

I compared the ICF-7600A with my modified FRG-7 with the 4 kHz selectivity. The Sony does not have selectivity in this range, but it has more than enough to completely separate the BBC on 6175 and RNW on 6165. It has fairly impressive sensitivity for a radio so small. I was able to listen to YVTO, the time station in Caracas, just about as well as I could hear it on the FRG-7. Radio Cairo was coming in on the Frog with its usual poorly-modulated female voices, a fairly weak signal, but no cross-channel interference. The Sony allowed some cw to leak in from nearby frequencies, but the signal was as good and intelligibility better, probably due to the small, non-boomy speaker. The tone control, incidentally, really did make a difference. Radio Havana on 11720 was present on both but better on the FRG-7, where the selectivity made the difference between hearing and not hearing what was being said. I could quibble about the lack of coverage for any of the WWV stations, something that I miss from the RF-085.

Obviously, all of this is somewhat subjective, but I should point out that none of these comparisons would have ever been possible on any other small radio that I have seen. In fact, for most SWLs listening only to major broadcasters, this may be the only radio they need. For a DXer, it's a suitcase radio, and a good one. Incidentally, fm performance shows good selectivity and multipath rejection here in the big city, although I did find some images from a station on 106 MHz showing up on 85 and 78. Mediumwave seems good, too. I easily dialed in Radio Belize on 834, and could understand everything. My Superadio did not perform as well, but was having electrical QRM problems at the time.

One last thing. The salesman at 47th St told me I would need an ac converter, as the batteries would last "only about 2 hours". I prefer to think he was talking about the ICF-2001, but all the listening listed above was done after the set had been on for 24 consecutive hours. All in all, a truly fine little radio.

THE SONY ICR-4800 (Dennis Dimick, Washington DC) For those uneasy with the cult of the Walkman, the ICR-4800 may provide an alternative. I use this radio almost every morning for running. The BBC World News and Twenty-Four Hours come booming in daily at 1300 on 9510 as I pass by the National Zoo's panda house. Most days Radio France is clear and fairly strong on 17795 at the same time. Last Saturday RCI SWL Digest came in well on 17820 and 17875 to Africa as I hoofed it toward the Lincoln Memorial.

This radio suffers while riding the bus. But I was able to catch BBC Waveguide last Tuesday 0100 GMT on 6175 by placing the radio next to the window.

I never expected this to be a DX machine. It suffers from chirps, whistles and code-like noises. But its portability is without compare. This radio can go where even a radio like the ICF-7600A is a burden. But don't expect comparable performance from the ICR-4800. Mine from 47th St Photo $69.95.

THE ICF-2001 SAGA (G Sharman, Hollywood CA) The latest epidemic to hit my "matched set" of the ICF-2001 is called by the Sony Repair Unit "leaky transistors". My first instrument is now on its third outbreak of key failures. The reference to "matched set" means three instruments (one at home, one at the office, one in the repair shop) used in rotation.

(dpn) The case of the keys continues, but let's be fair. In other words, I hope that I do not receive blow-by-blow reports of each and every 2001 defect; malfunctions are fully in tne nature of complex technological devices, of course, and as will any radio, the 2001 will have difficulties aside from that of its killer keyboard. On the other hand, let's call the spade a shovel when it is fitting -- I continue to see people singing the praises of the Radio Shack 300/302, and, although such folks may either be lucky or insensitive to the poorness of the sizzle-without-the-steak design of those radios, I must go with the majority of the evidence which suggests that they offered little more than marginal performance.

(Joel M Rubin, Berkeley CA) The best white-market prices I've seen on the Sony are at Whole Earth Access, 2900 7th St, Berkeley CA 94710; also San Rafael CA. Approximately 20-30% more than NY gray-market prices (e.g. $179 for '2001; about $140 gray). (Is it worth the difference for the big 90-day warranty? Arguments that it is somehow shady or unethical to go around Sony's monopolistic distribution system leave me cold.)

Let me suggest Eveready Super Heavy Duty dry cells for the '2001. I think they give better performance than 1.4V alkalines and they list for about ½ the price.

Note that the area code for Radio West is now 619, not 714 (Pacific Tel & Tel; affects San Diego but not Orange County).

CLOCK TIME (Greg Kearsley, Front Royal VA) I just wanted to close the loop on my request for info on a 24-hour LED clock in EF of Nov RIB. A number of readers wrote me with suggestions and I followed the advice of several to buy a quartz watch showing 24hr time. The one I bought was a Timex M-462 retailing for $29.95. It continuously displays two time zones (local and GMT) as well as having a bunch of other functions like: chronograph, timer, and melody alarm -- which I don't need. I have it sitting on top of my World Monitor and it does the trick nicely. Another alternative would have been the desktop 24hr clock from Ramsey Electronics, 2575 Baird Rd, Penfield NY 14526. It is a model DC-5, costs $22.95 in kit form (add $10 for assembly) plus 6% for S&P, and comes in black, silver or gold. It was recommended by a RIB reader.

Further, there are two AC models with alarms: the Ken-Tech 24hr LED clock, $19.95 plus $15.0 shipping from Spectronics in Oak Park, Illinois at (312) 647-1800. At the high end of the scale is the Kenwood AT-50 audio timer which provides an on-off timer along with the 24hr LED display for about $140 — an expensive clock for SWL, but handy for automatic taping of programs when away. I think this pretty well covers the waterfront on options for 24hr timepieces.

OH, YEAH? (Norman C Grosvenor, Hollywood CA) Two months ago I bought a CITIZEN TWO ZONE CLOCK at $49.00 plus 3.50 ($52.50) from The Sharper Image, PO Box 26823, San Francisco CA 94126. I use the digital clock on a 24hr basis and in time with WWV-Fort Collins. The other clock works on a 12hr basis and this is kept set to the local time. I am very happy with the purchase, and so far it has worked perfectly. You can request a catalogue from The Sharper Image; I enclose an entry from their catalogue showing the clock.

(dpn) And it's a cutie, 4½ x 2 x ½". The left 2/5 of the front panel is the crystal-controlled 12-hour circular clock (I despise the term "analogue"); rest of panel is the LCD 12- or 24-hr switchable clock, which I think it is important to point out is a 6-digit display. Since it's likely that the ~~greatest country in the~~ United States will never wean itself of the English System of Weights and Measures and 12hr (much less go world standard) time, such hybrid displays have a certain sort of appeal. This one uses one AAA battery, said to last a year, and accuracy (let's PLEASE stop using the word "quartz" as a buzzword and adopt the more explanatory phrase, "crystal-controlled") said to be plus-or-minus 15 seconds a month. My thanks for these continued good suggestions for timepieces displaying 24hr time. Now, let's all hold our I-want-all-the-latest-trappings natures in check; I sense rumblings of the beginnings of what I can only call Shortwave Chic...

HELP WANTED (Scott Streiker, Indian Neck, Wareham MA 02571) I am interested in purchasing a directional BCB ℽ (i.e. Worcester Space Magnet, McKay-Dymek, Palomar, etc). For sale from whom? A used unit is okay, too. I live in an isolated area without close neighbors or electrical interference. Currently a 60-foot longwire inverted L is not directional enough; my receiver is a Kenwood R-1000 nearly 3 years old -- dial light failed 1 year ago, but all else is fine. I have a Mizuho SX-60 preselector I'd sell for $30 and shipping or trade.

(dpn) I've burned out several of those R-1000 dial and meter lights and have been too lazy to find a local source. The dial lamp is Kenwood part number B30-0808-05; this works for the S-meter too. A different part-numbered part, B30-0813-05, is used to illuminate the MODE switches. Get ready for

this: Kenwood socks you (some might insert a different vowel, there) for $2.50 for the 0813 and $2.40 for the 0808. I suggest the following: since the illumination of the MODE buttons is next to meaningless, you can just remove that lamp from its hole there and install it in the place of the burned out dial lamp. Oh, you say, no, because it's green and the dial lamp's not? Well, just try to pinch that green coating between your fingernails; it's a plastic cap that pulls right off. The dead lamp can be completely removed from the R-1000; use a pair of needlenosed pliers to gently pull its little plug free of the power-supply board (NOT by the wires but by the white plug itself); save this for the time you find a local and cheaper source of these things and want to solder that plug-and-cable onto your cheaper lamp. Also, something worth trying is for those who freak out even if something like the meaningless MODE lighting doesn't work: you may be able to save money by ordering only the 0808 lamps and slipping that green cap (you saved it, didn't you?) over the colorless glass of the 0808 bulb. I haven't tried this completely; that is, I know the green cap fits but haven't tried to see if there's enough wire on the 0808 lamp assembly to reach the MODE area. But it's always worth a try. Yes, for those who wonder: even with the numeric display I still use the mechanical display for knowing where I am on the band -- whether I'm in dial overtravel or somewhere in the middle -- so I still prefer it illuminated. Oh, and those who are interested in ordering any parts from Kenwood, you will have to include postage, and should check to see if prices are current. Also consider buying the matching Service Manual (this goes for anyone who owns anything) at part number B51-0890-10; think they hit me for 8 clams or so for that. Trio-Kenwood Communications, 1111 W Walnut St, Compton CA 90220.

(Robert Pacyna, 3009 Warsaw St, Toledo OH 43608) About two weeks ago I purchased a new Sony CRF-330K. I am using a built-in telescopic antenna and I can receive stations quite well if they're strong. What kind of outdoor antenna would you recommend? What accessories might improve reception ? Who else among subsRIBers owns a CRF-330K? Any help will be greatly appreciated.

(dpn) Sony has yet to answer my query, although I have at least seen a picture of the radio -- on a poster at Spectronics in Oak Park IL. It's a high-priced (circa $1900) portable with digital read-out and built-in cassette recorder. Cough up those hints, folks.

DRAKE R7A (Bruce R Clarke, Rockville MD) I have finished reading the Drake R7A review in Dec 82 RIB. I thought it was well-written and interesting, but the one thing that puzzles me is that there is no mention of how the synchronous detector circuitry works. That is one of the things that drew my attention to this receiver -- it has a new detection system for a-m radio.

Popular Electronics for Apr 82 featured an article by Dave Hershberger titled "Build a Synchronous Detector for AM Radio". When I saw it was built behind a 19-inch rack panel I kind of lost interest. Any comments on this detection system and how it works in the R7A will be greatly appreciated.

(dpn) I have not yet written the letter I will write to R.L. Drake about this; this same question has been in my mind since the R7 hit the streets. Drake calls theirs the "Synchro-phase" detector, and we are therefore led to believe that it's synchronous. Yet Larry Magne has wondered publicly if the Sherwood SE-3 synchronous a-m detector will be able to be teamed with the R7/R7A and its synthesized brother, the R4245 -- this indicates to me that their "Synchro-phase" detector is not the full solution. Also, keep in mind that synchronous detection is complex and that differing designers are likely going to build differing capabilities into their systems -- I doubt that Drake's is anything as elaborate as that in the PE article.

To be fair to the PE entry in this race, that's not a 19-inch rack panel, although it seems to be a somewhat large box considering the extent of the circuit. Further, the PE device is on my project list, and when/if I have it functioning to the extent of its abilities you'll have a full report via EF and/or W.O.R. Meantime, those with experience in the intricacies and limitations of the Drake detector, Hurry Up Those Answers; send them to EF.

(Trevor Stanley, Flagstaff AZ) If I were considering the purchase of the R7A, I would not attach a great deal of importance to William Dang's Dec 82 EF evaluation of the receiver. I have read Mr Lawrence Magne's test report of the R7A in the 1982 WRTVH; as far as I am concerned, if I were to let anyone influence my decision to purchase this receiver, it would most certainly be Mr Magne.

After having gone through a list of the R7A's many deficiencies, Mr Dang then sums up by saying that the receiver offers great performance to those willing to put up with its inconveniences and price tag; this, to me at least, is a contradiction of what has preceded this statement. First, he tells readers that the R7A is very difficult and inconvenient in the band selection mode compared to the NRD-515. Yes, it is, but each one of us is different; to some, such as Mr Dang, it would be difficult, but there are many of us out here who would not find it difficult, after a little practice, to operate this receiver. The operation of this receiver is only as difficult as the operator makes it, either in his mind or in the physical manipulation of the control knobs or switches. I have never heard of anybody evaluating the audio quality of receivers via the low-level tape recorder con-

nections on the back panel; surely the audio quality of the receiver is judged either via the headphones used or the internal/external speakers.

He goes on to say that a 4-ohm speaker must be used with the R7A; that if an 8-ohm speaker were used, the mismatch would be bad enough to require turning the audio all the way up to get enough sound. All I can say to this is that the difference between 4 and 8 ohms is minimal. Using a 16-ohm speaker; yes, that is a /severe/ mismatch and would cause distortion.

He also mentions bad birdies and synthesizer noise below 150 kHz; I just must wonder what Mr Dang is listening to below 150 kHz. He is constantly comparing the R7A to the FRG-7; I am sure from his evaluation that he owns an FRG-7...

...Mr Dang's evaluation is only one man's opinion. The R7A is one of the finest receivers in its price range that any DXer could possibly hope to own and operate in his lifetime. I would urge any prospective purchasers of the R7A to read Mr Magne's evaluation of this receiver in the 982 WRTVH.

(dpn) I have heavily edited the conclusion of this letter because toward its conclusion -- as if it did not seem so in the beginning -- it seemed more a review of the R7A reviewer than a review of the R7A review. We must not review each other in this publication. We will stick to radio, and perhaps the wider generic world.

Let's talk radio. Since there may well be a difference between audio quality at tape ouput and transducer (headphone/speaker) outputs on a receiver, it may be value in each review to enumerate the performance of a radio through both outputs; otherwise, one's tape recorder may record other than that which one hears. Far from being surprised that Mr Dang would comment on the audio quality in such a way, I am surprised that other reviewers have not tended to do so in the past.

The news regarding 4/8/16 ohm matching is of practical value. We all differ as to exactly when we feel that something's out of kilter as far as audio output versus gain control rotation is concerned; many receivers are set up to blow you out of your chair at about 1/3 rotation, and we feel uneasy in having to use what reserve is left to make up for mismatch. I think that this is the origin of the varying comments with regard to the effect of speaker mismatch. It is a subjective subject...

There is much to listen to below 150 kHz, and birdies from a switching power supply, such as that used in the R7A, can be a hindrance in such pursuits. I have recently modified my newer R-1000 to provide improved low-frequency response down below 100 kHz and have thus heard WWVB on 60 kHz for the first time in my listening career. I mention that the Longwave Club of America, 45 Wildflower Road, Levittown PA 19057, each month publishes The Lowdown -- a bulletin full of news and loggings concerning the world below 550 kHz. Such a club might help anyone with a yet-unexplored low-freq range to get more out of her receiver. If you write LWCA, please mention RIB as your source and be sure to include return postage for any information you request.

(Loren Cox, Jr, Corbin KY) Mr Dang's remarks on the Drake R7A (RIB 71) were most interesting; he makes me glad I didn't purchase one, his observations diverging somewhat from those of Magne, who has had a love affair with this rec'r for some time. Magne considers it to be very sensitive with good audio. He seems to be just about alone in regard to the latter, as virtually every other review of the R7 is uncomplimentary in regard to its audio quality: & that puzzles me, because in theory the 'synchro-phase' detector sh'd produce excellent audio quality, on the order of that obtainable from a synchronous detector. But I've never had an opportunity to use an R7; I might find its audio quality quite acceptable. In 1980 WRTH Magne described the R7 as 'very stable'; by 1982, in comparison with the Racal, Nerd and Collins, it had become a driftmaster. Our standards change.

By today's standards a rec'r sh'd have a noise floor of about -140dBm (really a little better than can practically be taken advantage of) with an input intercept of about plus-25 dBm. The NRD-515 is reportedly quite good in regard to syn noise. One of the quietest rec'rs I've ever used is the FRG-7000G (on which I'm currently trying to listen to the special BBC anniv call-in show despite local QRN & disturbed propagation); subjectively not as sensitive as the FRG7G (which I've also had) but c'd never demonstrate that actually to be the case; both rec'rs deficient in dynamic range.

(dpn) Surely the main source of the R7/R7A drift is the permeability-tuned oscillator used behind its main tuning dial. Has anyone tried Drake's own remedy for this, the RV-75 synthesized remote vfo? Seems to me it may help stability in two ways: a) it's synthesized and therefore would approach crystal-controlled stability more closely and b) being outboard in its own box, the critical frequency-determining components in its oscillators are not subjected to the overly-warm R7/R7A interior. Oh, and this reminds me: for the new crop of devotees I will henceforth term the Drift Fanatics (of wnich I am a charter member), the Kenwood TS-930S transceiver (which incorporates a 150 kHz-30 MHz general-coverage receiver) has, as one of its options, the "SO-1 commercial stability TCXO (temperature-compensated crystal oscillator). Requires modifications." And remember another thing, people: phase-locked a-m detection, if "perfected", is still the only hands-off way to receive a drifty transmitter with your bfo on. All the TCXOs in the world won't stop the native music from Borneo from sounding like it's arriving from the Twilo Zone if the transmitter whence it's hurled drifts crazily while your receiver stays put.

ICOM IC-R70 REVIEW (Loren Cox, Jr) EVIDENTLY I am one of the first purchasers of the new ICOM R70 receiver. It has been installed at the Lexington QTH, replacing the FRG7000, which I am now using here in Corbin (instead of the recently acquired RF3100, which is now on display for sale - one of the advantages of being in this type of business, relatively easy to dispose of equipment). /Loren's return address: ChemCity Electronics, Lynn Av, Corbin KY -- dpn/ Had not really anticipated this purchase (had wanted at times the Drake & at other times the Nerd, but c'd never make a choice -- maybe just constitutionally incapable of laying out more than a kilobuck for a radio), but the colour ad in QST sold me. The tentative specs looked very good, & ICOM amateur gear has an excellent reputation. The only thing that didn't look promising was the relatively wide AM bandwidth, but that didn't deter me, so having gotten a good quotation from Amateur Electronic Supply, I purchased.

GETTING INTIMATELY ACQUAINTED with a new radio - especially a delightfully sophisticated one like the R70 - is not unlike getting intimately acquainted with an intriguing new woman. One must learn what operations & manipulations elicit the best responses, & what quirks & anomalies one must become accustomed to or learn to contend with. Before getting to specifics, let me say that this rec'r unquestionably offers a quantum advance over anything else ever offered in its price class: this is especially true in regard to tuning accuracy & frequency stability as well as dynamic range. It sh'd hold its own with those two well known rec'rs twice its price, which might exceed it somewhat in some performance parameter or other, or offer some additional advantage in signal processing (this w'd primarily be true of the Drake); but the R70 seems definitely to be in the performance class with the R7 & NRD515.

THE CIRCUIT DESIGN of the R70 represents the best contemporary thinking in the field as it has been advanced by Rohde & others: up-conversion (1st IF in the 70 MHz range), doubly-balanced mixers, switchable push-pull wide band RF amp (provides about 10dB gain), & full frequency synthesis (the range of the first injection oscillator being provided by four VCOs). Proceeding from that basic design concept, the ICOM engineers have produced an excellent, but an AMATEUR rather than an SWL oriented receiver: this is made evident in the following respects: a good order of SSB/RTTY/CW selectivity; poor (for DXing) AM selectivity (the sharper filters are not available for AM, as on this rec'r mode & selectivity are not separately switchable; automatic sideband switching (lsb below 10 MHz, usb above 10 MHz) - must hit function switch /precisely like the "INV" key used to call up additional key functions on an electronic calculator - dpn/ & then the SSB switch to reverse sidebands; by means of the HAM/GEN switch may tune the Amateur bands only /hitting "HAM" tunes the rec'r immediately to 7.100.0 MHz; hitting "GEN" starts you out at 15.000.0 MHz -- dpn/; incorporates facilities for transmitter or transceiver interfacing; & has a front panel so filled with knobs & switches that a non-technically-oriented person might feel a bit intimidated.

TUNING a fully synthesized rec'r requires a little getting used to, but it's a real pleasure: precise little chunks of signal, with this rec'r down to 10 Hz segments if one wishes. When using the AM mode there are discernible little blips; when tuning full or reduced carriers in the SSB mode there is, of course, what has come to be called 'bagpiping', which some people don't like, but which I find rather entertaining: in fact, it has permitted me to do my first little experiment in electronic music ('Variations on 11850 kHz'). /For those who for some reason find that frequency-stepping annoying -- I refuse to call it by Magne's buzzterm -- you'll be happy to know that the steps are virtually undiscernible to the ear when tuning in 10 Hz steps -- dpn/ Band changing is by means of UP and DOWN buttons, a bit slow in that the button has to be pushed for each MHz change. Tuning rate buttons determine whether the tuning rate is to be in 10 kHz, 1 kHz or 100 Hz rates per knob revolution as the synthesizer is resolved into 1 kHz, 100 Hz or 10 Hz steps. The greenish-blue fluorescent counter reads out in the tenths of a kHz, but only, of course, when the synthesizer is resolving into 100 or 10 Hz steps. Readout to 0.01 kHz is possible by making use of the analog markings on the skirt of the tuning knob. The MHz digit is not extinguished when tuning below 1 MHz, so e.g., 740 kHz shows up as 0.740.0. In the SSB mode the counter reads the (full or supressed) carrier frequency. The RIT (Delta /in its "change" definition as in physics/math equations -- dpn/ Tuning) control, which tunes plus-and-minus 800 Hz, does not alter the readout. The RIT is very useful for carrier phasing when using the ECSS reception technique & for compensating for slight calibration errors. Other most useful tuning aids (never before available in rec'rs of this price class) include an IF bandwidth/passband tuning control which operates in the 3rd IF conversion stage (455 kHz): it will progressively further narrow the bandwidths that have already been determined in the 2nd IF (9 MHz range) & selected by means of the mode switches; useful in further reducing QRM on crowded channels; rather poor shape factor of the filters used in this stage prevents the AM selectivity from being improved to the extent that it probably c'd be: but it does improve it, tho' re-requiring detuning plus-or-minus 1 kHz (depending on whether one is operating above or below 10 MHz). In addition to this, the R70 incorporates a facility that no really good SW rec'r can fail to have: a NOTCH FILTER to eliminate or greatly attenuate one of the worst impediments to good SW reception: HETERODYNES.

OTHER DESIRABLE FEATURES: AGC with short & long /decay/ time constants plus AGC OFF; a NOISE BLANKER that really does achieve a discernible degree of noise elimination (can reduce the 'Wood-

pecker' by several 'S' units); & a user accessible adjustment to keep the counter exactly calibrated to a frequency standard such as WWV (no difficult post aging realignment necessary).

A WORD about the R70's 'front end'. An inadequate, poorly designed RF amp/1st mixer stage can so compromise a receiver's performance that no matter what other desirable features it may have usable reception is often impossible. A properly designed 'front end' makes possible the reception of the weakest signals while at the same time it is able to accommodate the strongest signals without producing distortion or cross-modulation. The R70 'front end' fairly effectively achieves both of these objectives. A series of diode switched front end LC filters, switchable push-pull /this refers to the transistor configuration used therein - dpn/ preamp, & an attenuator that may be switched in in lieu of the preamp, contribute to good signal control & effective reception. An RF gain control is also provided. Have encountered adjacent-channel crossmod on nighttime 49m band with preamp active; this sh'd not be surprising: the preamp is needed only in weakest signal situations. /& if antenna/band noise is already overriding internal rec'r noise, you leave the preamp out and turn up the AF GAIN -- dpn./

HAVE NOT made a complete scan of all of the rec'r ranges looking for synthesizer birdies (no doubt there are at least some low-level ones), but have not encountered any.

I LISTENED with interest (needless to say) to Mr Magne's review of the R70 on SWLD (18/12). I had anticipated matters he w'd be less than enthusiastic about, but his overall estimation was quite favourable. BUT I VERY MUCH QUESTION THE WISDOM OF THE EEB MODIFICATION TO PERMIT USING THE 2.3 KHZ FILTER IN THE AM MODE. Why bother? What do AM signals sound like through such narrow filters? To me, just muffled mush. (Admittedly, my aural acuity is not particularly good when the sounds are linguistic articulation.) But with the BFO on (ECSS mode) this muffled mush becomes sweet clarity. THE STABILITY OF THE R70 IS SUCH THAT THE SSB MODE CAN BE USED ROUTINELY ON ALL TRANSMISSIONS, WHETHER FULL OR SUPRESSED CARRIER. ECSS tuning on this rec'r is virtually as easy as conventional AM mode tuning on other rec'rs. So the rather broad filter ICOM provides in this set for AM reception turns out to be not so terrible a deficiency after all: use if for strong QRM & QSB free signals; for the others use the ECSS mode with the sharper filter. (ICOM provides an IF filter with better shape factor as an option to be used in the AM mode on the 720 transceiver; presumably it is also compatible with the R70.)

OTHER OBSERVATIONS: The R70's mediumwave (Standard Broadcast Band) performance is surprisingly good - better than we often get from modern 'wide band' solid state receivers, including some rather expensive ones. No overloading or crossmod noted (the preamp is not operative below 1600 kHz). Selectivity in the AM mode adequate for 10 kHz channel spacings. The LF/VLF ranges show real possibilities with an appropriate antenna; however, a low-pass filter w'd be necessary to eliminate some local broadcast break thru. Signals are discernible below 100 kHz, the nominal cut off point of the rec'r's lowest freqency coverage.

The R70's 'S' meter is very accurate: no inflated readings; S9 at mid scale; reads to plus 40 dB over S9; also includes a 1 - 5 scale. The rec'r's audio is of good quality with plenty of punch. The output chip is rated at a bit over five watts into a four ohm load; instruction manual says use only an 8 ohm external speaker. Microphonics experienced using the small internal speaker. Tape output is adequate, but I w'd prefer a somewhat higher level. An optional FM demodulation module can be incorporated into the rec'r at any time; w'd make it useful with VHF/UHF converters /and do not forget our pals with cordless telephones! -- dpn/. A converter input jack is provided. By means of a molex connector on the back of the set it becomes, I gather, at least in some measure computer interfaceable.

IT APPEARS that the closest competitor for the R70 in the SWL market will be the new Kenwood R-2000, which appears to offer good performance with some desirable features. But with the exception of the multi-channel memory (the ICOM has one memory with its dual vfo system), the R70 seems to have more to offer the DXer, especially the one who likes to use the ECSS mode, than does the Kenwood. The physical appearance of the R-2000 turns me off; a bit too cheap and flash for my taste. /dpn: and no one is going to be able to use the R-2000 for ECSS reception as it presently stands, what with 50 Hz synth resolution minimum and no way to RIT in between steps, resulting in as much as 25 Hz uncorrectable error when tuning a-m or ssb sigs with bfo on. A 10 Hz res w/o RIT would allow max 5 Hz error; I'd almost buy one. But I never would/will until they provide 10 Hz, RIT, or both. Kenwood can hardly be blamed for this oversight, as vocal as many DXers are in stupidly insisting on tuning a-m with 2.3 or so kHz filters and bfo off. Until they grow up and learn to handle the technology already available at their fingertips, manufacturers cannot be blamed for not staying a step ahead of 'em./

IN ACTUAL USE the R70 has proven to be very good at pulling through signals solidly readable despite heavy QRM & adverse propagation conditions (using, of course, the ECSS technique in conjuction with passband tuning & notch filter). At long last I can have UNATTENDED ECSS reception, can make broadcast-quality recordings of my favourite programs, selective fading distortion no longer being a

problem (SF to some extent afflicts virtually all SWBC signals; it is especially damaging to the proper reception of music). With carrier reënforcement both voice & music sound appreciably better even through a 2.3 kHz filter than does the usual selectively fading SW signal demodulated in the usual way through wider IF bandwidths.

ADDENDUM to remark on the R-2000: as previously noted, the operational concepts incorporated in the R70 are definitely AMATEUR ORIENTED; the R-2000, on the other hand, is primarily SWL ORIENTED. My experience with receivers prompts me to opt for the former type of receiver as being more likely to give me the kind of performance I want than w'd the latter.

RTTY enthusiasts (or prospective pursuers of the medium) sh'd note that the R70 is eminently interfaceable with the several types of RTTY readout devices currently available.

THESE notes have run on to a far greater length than I intended, & a few other matters have not been mentioned, e.g., tuning/counter anomalies that occur at the band edges (which, I believe, Mr Magne mentioned). Letters that appear on the counter indicate which VFO is in use as well as the reception modes of which the receiver is capable as they are selected.

(dpn) IN A LETTER detailing a few minor corrections to the above (which I have incorporated therein) Loren reminds us of an article every SWL interested in receivers/planning to buy "up" in receivers should read: "Modern Receivers and Transceivers: What Ails Them?" by DeMaw and Hayward in QST for January 1983, page 11. These two men are double-handedly responsible for putting the screws on manufacturers for improved dynamic range over the past decade, and their efforts have paid off to the point that a new problem has been uncovered: synthesizer noise.

TRUE IT IS that amateur-oriented receivers are often more refined (if more complicated to operate) than those targetted primarily to unlicensed radio enthusiasts. Two increasingly popular SWL receivers, the Drake R7A and the Icom IC-R70, have arisen from and are intended as mates to the TR7A and IC-720A amateur transceivers, respectively. But the TR7A and IC-270A already include general-coverage receivers less flexible than their receive-only twins, and there is a clear trend on the part of manufacturers to include general-coverage receivers in their non-tube amateur transceiver designs --- subscRIBers who are licensed amateurs about to buy "up" either in an SWL receiver or ham transceiver might want to kill two birds with one cliché. Note, too, that, more and more, a separate receiver offers less and less advantage over a general-coverage transceive design; the TS-430S mentioned further here seems to include everything the R-2000 offers but two memory channels -- and it has the incredible advantages of RIT and 10 Hz synthesizer resolution, as well as an audio (not i-f) notch filter and a display modifiable to readout to 10 Hz! Here's the lineup; have I forgotten anyone? Drake TR7A, Icom IC-720A, Kenwood TS-430S and TS-930S, the Rockwell/Collins KWM-380 and the Yaesu FT-One. Oh, the TS-430S, I just realized, has no timer/clocks.

THERE IS ANOTHER REVIEW OF THE IC-R70 in NASWA's FRENDX for January 1983, and prospective buyers are urged to read it as thoroughly as they sh'd have read Loren Cox's, above.

BUT THERE IS AN ALARMING TREND now for two concepts to be confused: that of the system called either PASSBAND TUNING or I-F SHIFT, and an entirely different effect called VARIABLE-BANDWIDTH TUNING or VBT. Those contemplating purchase of an IC-R70 because, among other things, it offers what seems to be the same PBT (PASSBAND TUNING) as that of the Drake R7A, should hold off their purchase until they read the next EF, because Icom has apparently confused the terms, and I will detail exactly what is going on after the completion of more research.

(dpn) AN EXCITING EXPERIMENT succeeded just the morning I am typing this (9/1), the results of which may be of value to R-600, R-1000 or FRG-7700 owners. A fruitless effort to cure increasing mechanical backlash in my newer R-1000 led me to realize that most of the tuning range of the smooth vfo in my Kenwood TS-520S amateur transceiver lay within that required by the R-1000. Within minutes I had unplugged the R-1000 vfo and replaced its signal with that of the TS-520S via a cable connected to the vfo output jack on the back of the '520S (intended for connection to the optional DG-5 digital display). Result: 600 kHz of low-drift, 25-kHz-per-dial-turn tuning free of charge -- enough to show that the idea is workable. Free RIT is included in the deal as well.

Next step: modification of one of the external vfos Kenwood markets for its various ham transceivers to cover the full 1 MHz tuning range in two switchable sections. I'll report on this further as experiments continue.

HELP WANTED omitted from the previous HW section: (John Ross, 3959 Fremont Ave N, Seattle WA 98103) I have a Barlow-Wadley XCR-30 and schematic. Can anyone contact me w/full alignment instructions?

(dpn) I continue to read reviews in which noise blankers are tried 'gainst the Soviet OTHR with variable success. You must bear in mind that the Soviet OTHR signal is almost always swathed in echo & reflections —it IS a radar, you know — and that such effects will tend to fill in the intervals between the OTHR pulses even if your blanker has silenced the main ones. Often, too, the OTHR will be strong enough to be annoying but far too weak to trigger the blanker. The non-synchronous NBs on most rcvrs will vary in effectiveness minute to minute, day to day, band to band, hour to hour.

THE U.S. ELECTIONS -- FOREIGN REPORTS

by Edward M Glick, Ph.D., Stanley, VA

Listeners to Radio Moscow on the day following the U.S. midterm elections got a very different picture of the outcome than did those tuned to the British Broadcasting Corporation (BBC), Radio Australia or Swiss Radio International (SRI). Radio Peking made no mention whatsoever of the election results until five days later. Radio Canada International (RCI) saw the election results in quite a different light than did the Voice of America (VOA) or Radio Moscow.

These conclusions are based on monitoring the English language broadcasts of nine international radio organizations which regularly beam programs to North America. The monitoring was done over a 15-hour period commencing at 1100 GMT on Wednesday, November 3 (and further monitoring of R. Peking).

* Radio Moscow, in a series of transmissions between 1100 and 1700 inclusive, constantly referred to the election results as a vote of "no confidence" in the Reagan Administration. It said the voters were expressing their great dissatisfaction with Reagan's economic and foreign policies. Radio Moscow took some liberties with the truth when it reported at 1600 that the "ruling Republican party" had lost "several dozen seats" in the House. The GOP actually lost 26 seats. Dictionaries generally define "several" as meaning more than three, so Moscow was communicating the premise that the GOP had lost far more seats than was actually the case.

Moscow also reported that the vote on the nuclear freeze issue showed that a "majority of voters" favored the freeze. It did not bother to inform listeners that the issue was on the ballot in only 9 of the 50 states and that none of the freeze resolutions had any binding effect on government.

* Radio Australia, Melbourne (1100-1300) leaned heavily on its correspondent in Washington. It reported that the election had brought "strong gains for the Democratic party" which "appeared" to have increased its House majority by at least 21 seats and that the Democrats had taken six gubernatorial seats. (Democrats actually had a net gain of 9 gubernatorial seats). Melbourne also said that the Administration would have a "reduced majority" in the Senate (which it does not) and concluded that Americans "have ignored President Reagan's request for more time to make his policies work."

* Radio Peking, which broadcasts six English-language programs to North America daily, made no reference to the American election during the monitoring period. This does not reflect a Chinese lack of interest in the election--only a policy decision to withhold comment as of the moment. (Judging from Peking's past practices, a comment of this nature would be aired only after a major party paper had published it or after a top government official had touched on the issue in a speech).

A random sampling of other communist nation facilities, i.e. Radio Tirana, Radio Sofia and the Voice of Vietnam--revealed a similar "no comment" stance.

Finally, Nov. 8 at 0015 on 15520, Radio Peking made its comments. Peking said that, though the GOP had suffered heavy House losses, the election was not a victory for the Democrats either in that the latter had failed to take the Senate. Peking saw the vote as an expression of voter unhappiness with Reagan Administration social and economic policies and with supply-side economics in general. It asserted that the Democrats had yet to develop an alternative policy and that a battle over that policy was going on between Democratic moderates and liberals.

* BBC and RCI reported the election's outcome in some depth. Both carried straight news reports and commentary--labeled as such--on the election. In its 1600 broadcast, BBC stated that the Democrats had "substantially increased" their majority in the House but that the GOP would retain Senate control. A BBC commentator said that the results had not strengthened Reagan's position but that the president had long since abandoned his "extreme right-wing" stand on economic policy. The commentator also said the election was not a referendum on Reagan's policies.

RCI in its WORLD REPORT (1300) said the Democrats seemed likely to pick up 25 House seats but that the GOP would hold on to a majority of eight in the Senate. RCI said the Democrats had won more House seats than anticipated but that the election was "no landslide." Its correspondent in Washington concluded that the election showed that many people were "fed up" with "Reaganomics" and that the White House would have to make some strategic policy changes.

* Deutsche Welle and SRI concisely covered the election results. Bonn (1500), which drew no conclusions as to meaning, reported that the GOP would control the Senate with 54 seats but would lose at least 23 House seats according to "current projections." SRI (1315), pointing out that the Democrats had made "major gains" in the House but that only a one-seat change was likely in the Senate, concluded that Reagan was likely to have to make compromises on defense and economic policy.

* The VOA, which did an election wrap-up (1100) including reports from regional correspondents, left it to its congressional correspondent, Robert Lodge, to draw some specific conclusions. Lodge said the economy was a major issue in some races, that the election results would compel the president to make some compromises. Lodge also said "government by veto" was not practical and foresaw greater cooperation between the two Houses of Congress, and between Congress and the White House. Some governors' races, he held, would affect Democratic candidacies in 1984.

(Monitoring was done via a Panasonic RF-3100, standard longwire antenna, elevation about 3000 feet)

PIRATE SOLUTIONS

by Gerry Bishop

Let us create a special band for pirate broadcasting, with special stipulations. First up, no commercials. Also, limited hours of broadcast per week, and final output power of 100 watts. Licenses would be issued by the FCC for the station to operate on any frequency within the band, but they must file a broadcast schedule with the feds. Stations would be required to ID every half hour, so those of us who are just about fed up with the games these guys play will know who's not doing the job. I'll spend the buck or so to call the FCC and let them know if one or another of these broadcasters is out of line with the regulations.

As far as what they can broadcast, well, that's up to the stations. A local station with only Beethoven for their transmissions would be more than welcome. So long as no commercial material is used, and they are not, in any way, ever going to ask me for a contribution to keep them on the air (à la Public TV), I'd welcome them to the radio waves. Just, please, don't go overboard with the seven dirty words. I know it's neat to beat the FCC and play "Star, Star" (original title was "Starf----r") without getting caught, but don't cuss out the neighbors. You'll lose me as a listener for sure.

Perhaps the problem the FCC has with the concept of low-powered non-commercial free-form radio lies in its desire to stay free of the Top-40 stigma; it does not exist as a vehicle for profit, but rather as an experiment in audio fun, not unlike college radio (another broadcast group I don't think the FCC understands.) Most of those who go on do not do so, or so it seems, in an effort to break the law, a negative precept, but rather to make their voices heard, a positive one. Legally, I think they have the right to do this, and if resources were available the court system might just prove this out. There exists no law to prevent one from starting a newspaper if the other papers available do not suit a reader's needs; there should be no restrixion on the operation of a radio station for the same intent. Lord knows, if I could dare get on and compete with local airbag FM-97 (WIAN-FM 96.9) I would have half their audience in a month, or a great contempt for the values local listeners place in radio.

Returning to the original idea, there must be a place for free form radio somewhere in the shortwave spectrum. From the number of loggings and related comments which have appeared over the years, there is some desire for this to come to pass. It would serve all of us so much better. The feds could spend more time chasing megawatt CBers who are too lazy to go ham, the listeners would know who's on, and when, and with what, and the stations themselves could operate without one eye looking back for the FCC direction finder. I guess the only real objectors would be current operators of US commercial stations, as with a little alternative radio which will cover a large area competing for listeners, the commercial ops might find out just how bad and trite their broadcasts really are. Then we'll get some unusually good radio to choose from, maybe.

---

by Loren Cox, Jr.

FRNA (FREE RADIO NORTH AMERICA) at good level on 21685 when tuned in a few minutes after 1500 Nov. 21; 'Pirate Bob' at the mike; running tape of Tnxgiving program, some breaks in modulation (rock music); transmission broke @ about 1520 or so. Will probably be repeated several times over holidays (as is the practice of these broadcasters).

I've had mixed feelings in regard to the matter of pirate broadcasting. It is, on the whole, a harmless & innocuous activity, but it is an ILLEGAL activity, & I'm no great champion of doing illegal things, even when the illegal act occurs in the area of essentially regulatory prohibitions like those that are applied to the use of the radio spectrum. But if I've had mixed feelings about pirate broadcasting, I certainly have none about a far more serious abuse of the radio spectrum: I am referring to the wholly illegal types of operation that occur in the 11 m CB band & on the frequencies that lie between the CB band & the 10 m Amateur band. And I can have little respect for a regulatory agency (FCC) that will bust a pirate broadcaster who is really doing no harm & will permit the cesspool that the CB band has become to continue to pollute the airwaves with its noxious radiations with little or no apparent concern. The interference caused by CBers with their "non-linears" is far worse than any pirate broadcaster - whose stations tend to be well operated technically - is likely to cause. (Guess in some ways I'm a contributor to the problem: I do sell tubes to these people. Old f-r comes in & says, "I need some tubes for my Afterburner" - so I throw him a bushel of TV sweep tubes - doesn't really matter which ones - which he w'd get someplace else anyway.) And the language used by these people instead of being amusingly obscene is often disgustingly & hatefully obscene.

ZAP!
WE ARE NOW COMING TO THE MOST EXITING MOMENT IN THIS PROGRAMME ON RADIO SHIT!
KWIRK!
GEE-! WHAT A GREAT STATION NAME! I HOPE THEY WILL SEND ME A QSL-CARD
RANDER TV-FM
©COPYRIGHT PW-DC-COMICS 1982

(illustration via Stig Hartvig Nielsen/Denmark

In any event, pirate broadcasting is definitely a part of the radio scene, &, despite the best efforts of the radio law enforcers, we will probably encounter more & more of these broadcasters. I understand there is a newsletter devoted to the subject, & the interesting new pubctn POPULAR COMMUNICATIONS has a column called "Free Radio Focus" (the editors don't necessarily endorse pirate radio but simply report on it as a fait accompli). I w'd like to see pirate broadcasting eliminated: but in this way: pirate broadcasting sh'd be legally sanxioned as HOBBY BROADCASTING, which for the most part (in the US) is what it really is. Since hobby radio communications in the form of Amateur Radio is permitted & well regulated, why c'd not the same thing be done for hobby radio broadcasting? I believe most broadcasting hobbyists w'd gladly submit to regulation in order to have their activities legalised. There w'd be problems of spectrum space, power limitations, etc., etc., but I believe that c'd be worked out. The pirate (hobby) broadcaster has provided, &, if legally sanxioned, c'd provide much more in the way of entertaining & unusual radio programming.

Despite reservations, I've toyed with the idea of doing some 'pirate' broadcasting myself. Suppose 'The Voice of Existential Anguish' as an alternative to the religious broadcasters like WYFR et al. was a little far out; & the concept is a little out of date considering the moribund state of Existentialist philosophy. But think I c'd create some aural excitement. Almost (when gh was doing UNBRIDLED) sent a recording of my reading of Wallace Stevens' 'Sea Surface Full of Clouds': 'In that November off Tehuantepec...'

RADIO X TO LEAVE THE AIRWAVES (David Crawford, DX South Florida Noticiario Clandestino, edited by Steve Reinstein) Radio X, 103.5 MHz from Daytona Beach, Florida, signed off for the last time on Christmas Day 1982. The station's 20 watt signal offered listeners a mixed fare of oldies and new wave music during weekends for nearly two years. According to "Bruno the Human Pineapple", the station operator, the decision to close the station down was made in response to a threatening telephone call received on 22 December 1982, from a person believed to be a federal agent. The caller refused to identify himself, but threatened to "bust" the station immediately if it did not leave the air, said Bruno, who added that the call seemed to be of local origin. Radio X's telephone number was no secret. It was announced on the air frequently for listeners to phone in their music requests.

The beginning of the end for Radio X came on 18 December, when a report of the station's existence, from SWL Ron Trotto of Kissimmee [actually Saint Cloud], Florida, was broadcast on Glenn Hauser's DX report over Radio Canada International SWL DIGEST program. It appears likely that someone within the monitoring framework of the FCC heard this item and took action. But, whoever did the ultimate "action-taking" is a matter of speculation. The FCC, according to documents obtained via Freedom of Information Act petition, had utilized a working "contact" in Daytona Beach previously. His identity was stricken from the documents and his exact capacity is not known. In addition, there is an FBI office in Daytona Beach from which the call could possibly have been made, in the Atlantic Bank building on Seabreeze Blvd.

Regardless of the origin of the call, it was nonetheless a "fine" display of the art of intimidation, and served its purpose well. The FCC need not bother taking the time and money to close and attempt prosecution of pirate stations. It can simply remove them by the use of fear. The FCC has shown itself in the recent past as being quite adept at playing with people's minds. This apparently was no exception.

gh: My having been a link in this process is cause for some reflection. While I regret the termination of this harmless and perhaps useful operation, it is in the long run a basic contradiction for a pirate operator to expect to reach a listening audience and at the same time escape the attention of the authorities, one way or another. While low power on FM is less likely to be noticed, once it is noticed, it's fairly obvious where it's coming from, unlike shortwave operations.

(Association of Clandestine Enthusiasts, P O Box 452, Moorehead MN 56560, bulletin via John Fischer, November ASWLC) Voice of the Voyager: their appeal of $3000.00 worth of fines for violations incurred during a May 9, 1982 broadcast has been rejected. The operators, Mike Martin and Scott Blixt, have been ordered to pay within 30 days. That was back in late August. Scott Blixt, a student in a Minneapolis area technical institute, has informed the FCC he will not pay the fines within the near future and that he would contact them at a later date.

Some other pirate loggings reported directly to RIB: (Bruce Tindall, Chapel Hill NC, Nov. 29) Radio Free Radio's self-proclaimed last broadcast at 0600 Nov. 28 on approx 7430 SSB: they played music from Dean Martin to the Clash, and some comedy bits, one of which (a phony fund-raising appeal) sounded locally-produced, as opposed to being a track off an LP. The proprietor of RFR announced it would not return because of criticism by a columnist in POPULAR COMMUNICATIONS who had harsh words for RFR's program content as well as their use of SSB. The announcer said he was in the Minneapolis area, but asked for phone calls to a number in the 516 area code. (I guess a phone phreak could make a Long Island number ring in Mpls.) (The phone didn't work, by the way.) He also asked for reception reports & promised QSLs, via ACE. I'm grateful to RNMN, the various gh outlets, for letting listeners know about pirate schedules -- the DX shows aren't telling the FCC anything they don't already know.

1982 -- THE SHORTWAVE YEAR IN REVIEW

By GLENN HAUSER

Station anniversaries in 1982 included the fifth (and last) for European Music Radio; the 25th of Radio Atlantida, Peru, and of the DX program of Radio Budapest. The 25th (and last) of Swiss Radio International's Jazz Panorama. Radio Korea celebrated the 29th anniversary of its English service. Radio Peking was 35, the Voice of America 40, marked by a looser style but a harder line. It was the 60th anniversary of the BBC in Britain, and the 50th of the BBC in the world — but that didn't prevent further cuts in language services. But there was progress, too, more and more relays fed by satellite.

Sweden Calling DXers passed the 1700-mark, while the Union of Asian DXers issued its 100th newsletter. Some clubs came; others went. 1982 was the final year for the pioneering Newark News Radio Club, as well as for the Canadian SWL International, and the U.S. DX Association; but new blood has kept the DX hobby alive and well in DX South Florida, the Ozark Mountain DX Club, and the Central Maryland DX Association; while old blood from NNRC transfuses the Association of DX Reporters, and experienced DXers formed DX-Australia.

Retiring after 25 years of service to the National Radio Club as Musings Editor was Ernest R. Cooper. Well done, Ernie! But publications for DXers don't come from all clubs. The magazine *S9* became "S0," but *Popular Communications* was born. *Popular Electronics* continued to be the most widely circulated magazine dealing with DX listening, but under a new name, *Computers & Electronics. Voices* was finally laid to rest; *Review of International Broadcasting* passed its fifth anniversary. New on the scene from Grove Enterprises, *Monitoring Times*.

Bad luck for two countries hosting Trans World Radio — could it be a jinx? During 1982 the monarchs of Swaziland and Monaco passed away. TWR Monte Carlo added a 500-kilowatt transmitter. Operating a radio station proved to be fatal in Surinam, and in Haiti for Richard Brisson. And another obituary for Radio Free Europe/Radio Liberty chairman of the board John Hayes.

Brazil became the latest country to relay the Voice of America. But the turnover in VOA's top management approached scandalous proportions. And there was no less an upheaval at Radio Free Europe/Radio Liberty. At least twice, the VOA confirmed it was broadcasting numerically coded messages.

In 1982, a World's Fair station did not come on the air, nor did Radio Caroline; Abie Nathan's Voice of Peace did not permanently go off. Radio Prague, Czechoslovakia, got two transmitters, and promptly put them on the worst possible frequencies to North America.

Israel Radio became the prime user of the new 13 MHz band — other countries have been very slow to join in. The new 10MHz band was finally opened to U.S. hams. AM stereo transmitters in the U.S. and Canada became a reality, but not yet AM stereo receivers. The FCC continued its breakup of the clear channel system.

The FCC selectively busted certain pirates, including Voice of the Voyager (again), Free Radio North America, and KW Radio—but the biggest pirate mystery remained, the high-powered and highly professional Radio Clandestine.

Four years after the city changed its name officially, Radio Peking has just become Radio Beijing. And the Chinese have found a new use for short waves, speeding up the aging of wine.

And now 1983 is World Communications Year, which is sure to be the subject of many special programs; already dealt with by Radio Japan.

(Greensburg PA Tribune-Review, Jan. 2 & 9 via Bill Dymond) Also as broadcast on RCI SWL Digest Jan. 1-2

More Gained Than Lost In '82

By GLENN HAUSER

In 1982 we gained more than we lost. Two new American rock stations, WRNO in January from New Orleans and KYOI in December from Saipan. WYFR kept adding new transmitters, experimented out of band, and surprised us with the bonus of Voice of Free China relays. Another surprise was Libya broadcasting in English; and it took a sesquiyear for Nicaragua to accomplish the same goal.

France resumed a Latin American service, but English to North America remains a distant dream. The Voice of Greece forsook the broadcast bands completely, while YENED became ERT-2.

The Solomon Islands got a new broadcasting complex. Papua New Guinea dropped all those Japanese commercials from shortwave. Radio New Zealand barely survived, by dropping what little shortwave-only programming it had. Radio Australia kept closing down transmitters for lack of spare parts, but seems assured of a brighter future; and is already in its new studio building. For a week in November, Radio Australia was relayed by the BBC; and during the year, Spectrum progressed from monthly to weekly.

Elsewhere in DX program-dom, BBC Waveguide doubled its time; and at long last World of Radio became the only U.S. DX program on shortwave, thanks to WRNO. And Clayton Howard again became synonymous with DX Party Line on HCJB.

Radio Japan experimented with single sideband broadcasting, revamped its programming and the General Service. Radio Hong Kong made its even-year-only shortwave broadcasts of weather for yachts, but also a DX-special for northern

Europe. New stations on the air included Cape Verde on 7154, All India Radio, Aizawal on 5050, the Eco of Honduras on 6000 and that Mexican on 18395.

As good as new, thanks to technical improvements, were Somalia on 6791, AWR-Guatemala on 6090 plus harmonics, LRA-36, Antarctica on 15474. Three small Canadians got a new lease on life, CKZU, CFVP and CFRX. Private shortwave from Italy flourished, with Stazione Sperimentale, Radio Tele-Pace, IBC, and Radio Milano International. But shortwave broadcasting seemed gone for good from Andorra and the Maldive Islands.

Latin American rebel groups temporarily took over stations in Mexico, Guatemala, Honduras, Colombia, Peru and Bolivia; but many Bolivian stations began returning to the air following years of silence. Turmoil in Surinam terminated all stations except SRS. Voice of Palestine had to leave Lebanon, but was welcomed by Iraq. Meanwhile, Major Haddad's Voice of Hope was the center of a U.S. fund-raising campaign on television.

Saudi Arabia, Iran and Libya could not stay off each other's frequencies. Libya and Sudan began a shouting match of clandestine programs hoping to topple each other's government. Returning to the scene was Voice of the Free People of South Yemen.

The South Atlantic conflict led to lots of interesting listening, direct from the Falklands, under occupation and liberation; and thanks to a lady named "Liberty," and the British Radio South Atlantic.

In Central America, Radio Venceremos continued its struggle in El Salvador accusing the U.S. of jamming its broadcasts. More jamming plagued the Nicaraguan clandestine Radio Quince de Septiembre and its newer rival, La Voz de Sandino.

The FCC busted two transmitters of La Voz de Cuba Independiente y Democratica, in Florida, but three others abroad continued unabated — and soon the two busted frequencies were back, from somewhere else?

The U.S. government Radio Marti project had tough sledding on Congress but the Navy went ahead and built the towers anyway, while Cuba's retaliatory test on the channels of WHO and others made headlines Aug. 31. And the Moscow relay in Cuba kept attacking that innocent bystander, WWV.

Radio Solidarity refused to be silenced in Poland, and gained namesakes in Paris and London. Deutsche Welle was silenced in Malta for three months, but paid the price to resume in December. There was a brief strike at Radio France, but in 1983 there was no long strike at Radio Canada International. Both fire and ice did put RCI off the air, but fortunately, only briefly. Yet another station had to add "International" to its name, Radio Norway, but its new transmitters were a great disappointment. Radio Denmark also ran into problems caused by those who feared birds would run into its antennas. Radio Sweden and the Austrian Radio had much better fortune with their new antennas.

DX LISTENING DIGEST

PROPER CREDIT Other publications and broadcasters may use material from DXLD provided due credit is rendered to the original reporter and RIB. This courtesy does not extend to closed organizations which do not allow reciprocal access to their publication. The most important items have been broadcast immediately on RCI SWL DIGEST or WRNO WORLD OF RADIO, not otherwise mentioned herein. All times, dates and days are day/month GMT, u.o.s. All contributions to DXLD are gratefully received, but your editor cannot promise a personal reply because of severe time constraints. Reports to gh should not be cut into little strips. It also helps if you use one side of paper only and do not mix DXLD items with other correspondence.

AFGHANISTAN R Afghanistan is heard [via USSR] on 21460 with English at 1000; on Saturdays there is a mailbag at 1015 inviting letters to Box 544, Kabul. QRM from Brussels *1025 (Cushen, NZ, RNMN 7/1)

ALGERIA RTA sked until 4/83: SP 2030-2100 CEu 9685, SAf 15160, EAf 15215, WAf 15370; same fqs for EG 2000-2030 (Wolfgang Heidenreich & Steffen Butthoff, DDR, SCDX 14/12) Unusual fq 9160 hrd instead of 9685 (Siegfried Heldt, Spain, ibid.) Algiers skeds usually have negative correlation w/reality (gh)

ANGOLA R Nacional de Angola noted on new, unlisted 1376 kHz ringing in the new year 31/12 2300 w/ID "A emissora, Rádio Nacional de Angola." "Mei [sic--should be méia] noite. Zero horas na República Popular de Angola." Countdown to new year: "cinco, quatro, três, dois, um, zeo [sic]. Somos já no novo ano de 1983. A todo o povo angolano, da Cabinda a Cunene, boa entrada" and into African and Afro-Cuban mx. Country #55 on MW here (Richard E Wood, Abha, Sa'udi Arabia) 9535 is fair here lately at 2200-2300; 12/12 2257 w/folxy protest song likely called "Long Live Africa" (that seems to be the chorus) in which many African nations and leaders were mentd. Then ID & pips at 2300 (Don Moman, Edmonton Alta) Namibe is the new name for Moçâmedes town; on 5105/5100. RNA on 9660 extended to continuous xmsn 0400-2400, ex-1800* (Richard Ginbey, RSA, RN Media Network 9/12)

ANGUILLA Letter from Gareth Hodge, ops mgr of Caribbean Beacon says SW plans somewhat in distant future. Plans not worked out as expected. If & when, SW will be from Anguilla; fq unchosen yet (John Moritz, Jan DX Ontario)

ANTARCTICA R Nacional Arcángel San Gabriel, LRA36, 15473.8, hrd 9/12 2338-0129, weak sigs but no QRM. Fair overall, SP pgm w/SP & EG anmts, mentd fq 15476 11855 6030, latter two not audible. Location given in 1982 WRTH for LRA36 appears to be incorrect as this would put it in middle of ocean: 56-24 S, 53-59 W. The 11th edn of R Amateurs World Atlas shows Esperanza stn, claimed location of LRA36, as near tip of Antarctic (or Palmer) Peninsula, approx 63-50 S, 57-00 W (William Dang, Calgary Alta)

LRA-36 on 15474 to 0040* 15/12 in SP; talks & mx combination; usual s/off routine incl "Taps"; clear & steady (Richard A D'Angelo, Wyomissing PA) Others have maintained this is not, strictly speaking, "Taps". Also noted 26/12 0015 on 15474., LRA-36 ID, addr, SINPO 35444- (gh, Enid OK) On 15473.7 or .8, or halfway between, is so regular here it's hardly even DX, but for a while in Nov & early Dec it wasn't around. Now back most nites, esply when cdx disturbed; many IDs and some EG anmts w/fqs & req rcpn rpts hrd more than once, most recently 19/12 2316, G. I've never noticed anyone else here, such as the reported SP svc of Bucharest. 11553 USB is another fq that can provide Antarctic reception from various US bases; Palmer & South Pole often hrd + others too weak to copy, mostly in 0300-0530 time slot. Fq not 11552 as widely reported (Don Moman, Edmonton Alta)

ARGENTINA 13953 is one of several fqs used by Policía Federal; Buenos Aires & Tucumán hrd in contact w/traffic in SP at 2220, G (Fabrizio Magrone, Italy, Play-DX) RAE on 11710 15/12 0124-0130 in EG; first time I've hrd RAE w/out mention of Malvinas (Richard A D'Angelo, PA) RAE Actualidad DX pgm is on all Thursday bcs, including EG 1100, 2230 on 11710; 1930 on 15345; 0100, 0230 & 0430 on 11710 9690 6180 6060; SP 2030 on 11710; 2130 on 9690 6060 99.1 FM, 0030 & 0300 on 11710 9690 6180 6060 (RAE) R Rivadavia uses 5882 as a link between its mobile units and the stn; it's an ENTel fq whose xmtr is dedicated to Rivadavia, so it is not an official Rivadavia broadcast fq, and is not recognized in Arg as a SW svc (RAE DX via Daniel A De Carlo, Salta, Dec Latinoamérica-DX) Another stn has been returned to private ownership, LT2 in Rosario, now known as "Radio Dos", owned by the Lago Brothers. Great opportunity for them to reactivate SW, which was on in the 1940s as LRR on 11880--a fq later assigned to R Splendid (Emilio Pedro Povrženic, Argentina, RN Radio-Enlace 8/1) The R Argentina (RAE) rep in California was evidently Pablo J Baques, per a note in ASWLC Dec (gh)

AUSTRALIA Since 16/11, RA has used 21625 ex-21525 to Af in EG 0400-0500 & 0600-0630, FR in between (François Chalory, France, SCDX 30/11) RA on 9560 24/11 2055 w/EG ID as "RA, Carnarvon, Western Australia" (Mitch Sams, OMDC via SPEEDXGRAM) I wasn't aware they gave local site IDs; I certainly don't think Shepparton or Lyndhurst do (gh) SPECTRUM over RA on 15115 19/12 [Sun] 0811-0826 (Richard A D'Angelo, PA) Telecom has assigned new fqs for stns above 1600 kHz. VL2UV, which was on 1750 with two repeaters on 1720 is now on 1692. Print Handicapped stns in capital cities, 1RPH, 4RPH and 7RPH are on 1620; 2RPH & 3RPH on 1629; sked of 3RPH Melbourne is Tue/Wed/Thu 1030-1230 (Cushen, RNMN 7/1)

AUSTRIA ORF anod 6-hour breaks in xmsns 13/12 & for 2 or 3 days as new xmting eqp put into opn (Loren Cox, Jr., KY) Happend on ORF's new 1500 EG xmsn 26/12 on 11855, poor but audible unlike 1230 on

21615 which won't fade in that early, so I thought I'd get to hear SHORTWAVE PANORAMA which is sked on this bc--no such luck; they played the other Sunday pgms instead. Most exasperating (gh, Enid OK)

BELGIUM BRT began testing on 6225 3/12 at 1800-2245 w/a spare, low power xmtr (H Poortvliet, Neth, SCDX 14/12) Later upgraded, I assume, as hi power xmtr on 7335 left that fq (gh) Confirmed that from 1/1 BRT to Ams 2300-0115 would move to 7465 for NAm, change 9880 from NAm to SAm, and drop 11695 SAm (Jim Conrad, Waterloo IA) And so shown on modification sheet attached to sked; another is 6225 daily at 1800-2245 ex-7335 (via Kraig W Krist, VA) BRT's EG DX pgm now hrd twice a week, Sun & Wed, in the 1915-2000 bc on 15590 6225 1512, and 0030-0115 as above [next GMT days](Tony Legendre,France, SCDX 11 1) Same show repeated, or different shows? (gh)

BOLIVIA R Em Reyes, at Reyes, Ballivián province, Beni department, is reactivated on apx 4465, hrd 24/10; WRTH 78 listed on 3380 (Cristián St-Germain, Argentina, Dec LA-DX) Is CP1009, 24/10 0240 ancing offl inauguration 25/10 at 1000 local; off at 0300 (ibid.) Exact fq 4468, 29/10 0110, hrd w/labor union pgm "La Voz del Sindicalismo" (Emilio Pedro Povrženic, ibid.)

BOTSWANA R Botswana has settled on 9600, ex 9590 due to RSA 9585; 0900-1415, but Tue-Sun and during school term Mon-Fri from *0640 (Richard Ginbey, RSA, RNMN 14/1)

BRASIL R Ataláia, Corumbá, is finally active on 4835; hrd 10-12/12 IDing as R Ataláia, but nothing more; closedown often 0304; 25/12 however, VG w/fqt ID as ZYF-908, R Ataláia, Corumbá, Mato Grosso do Sul, only 4835 ancd; at s/off said Sociedade R Evangélica Ltda, as listed, but every time else it was R Ataláia (Stefan Bursell, Norrköping, Sweden)

R Aparecida on new 11855 since 27/12; had been a future-plan; also 5035, 6010 inaugurated 2yrs ago 9635 came on when pope visited (Emilio Pedro Povrženic, Argentina, RN R-Enlace 8/1) "A Voz do Brasil para Cristo" / "A Voz do Paraiso" would be the name of a new evang stn, hrd at 1000 on 11965, not // R Record on 9505 which had a sertanejo pgm at this time. 11965 says it's from São Paulo in cooperation w/R Tupi, R Record and another SP stn. IDs also as R San Pablo [sic]. The pgm or stn is run by the missionary Manuel de Melo and asks for contributions; rest of day, R Record is // on 9505 11965 & 15135 (Emilio Pedro Povrženic, Arg, Dec LA-DX) an unID Curitiba stn on 11905, 17/11 1030, not // any other known Curitiba stn, nx and time; nor was it R Universo as listed in WRTH, since it was not // 9545 which had relg pgm (ibid.) And maybe same split-pgm arrangement as above (gh) R Globo on 6035 // 11805 w/live phone-in show, listeners guessing title of songs; much lively interchange between DJ and callers, ID 0024, adstring. 15/12 0020-0038 & 19/12 2304-2321; good fun listening (Richard A D'Angelo, PA) Anmt on RNB 17830 0248 21/12 said as of 1/1, 1800 xmsn to Eu on 15390 ex-15435 (Doug Jaffe, VT) For those who wonder, Antônio Augusto Silva is now based in São Paulo and working for the Brazilian equivalent of GOOD MORNING AMERICA. He won't say whether he's on-camera or behind the scenes. He's called me from the newsroom at the TV stn and also sent me a great Brazilian cookbook, and we're actively trading mx tapes (Jay Novello, Endwell NY) Former director of external svc and NM HS student

BULGARIA R Sofia 16/10 1758 in Albanian on 12320, 2 x 6160 (Andreas Grimmig, FRG, WWDXC Dec)

BURMA VOB indigenous lang svc, tent sked effective 1/1-31/3/83 on 4725: *1030-1100 Sgaw Karen, 1100 Pwo Karen, 1130 Chin, 1200 Mon, 1230 Arakanese, 1300 Shan, 1330 Burmese nx, 1345 Kachin, 1415-1445 Kayah (Isao Ugusa, DX Front Line 24/12) BBS presumed on 4725.5, 5/1 1111-1150, in here barely audible w/instl mx, 1114 vocal, 1119 woman talking, soft mx, 1130 seems nx then mx w/anmts; signal steadily improves but still poor (Chuck Bolland, Lakeworth FL)

CAMEROON Yaoundé has a 15-20 min EG nx bulletin at 2100 on 4850, always well hrd (Chuck Kristan, PA)

CANADA CKZU 6160 for months had modulation as rotten as reported in past for CFRX 6070; 5/12 check had me stay there all afternoon as they'd repaired things in fine style -- so well that daytime 6160 beats 690 in Seattle, esp when line noise crops up on MW. You sure took your time about it, guys. But at 1915 or so 11/12 I discovered CKZU wobbling around 6166½; could not reach them by phone. Early 12/12 talked to carpet cleaner at CBC Vancouver, netting nothing; CBC Radio News took message for Master Control that they were off fq, but 12/12 1810 still on 6166½ & may stay there all weekend. Too bad the carpet cleaner cashed my "dime" (David Newkirk, Seattle WA) CKZN hrd on 6160 at 0930, SIO 444 (Gerry Bishop, Christiana PA, 17/12) The 10-watt CKFX, Vancouver on 6080 has xmtr designed and built by staff in mid-40s; ant relocated in spring 1980 to site of new 50 kW MW installation, 49-09-22 N, 123-04-00 W, on Lulu Island[ESE of Steveston]. Ant was reduced to a single vertical element from its original 2-element directional array. Xmtr uses a single 908 final and two 807s in push-pull for modulators; its original purpose was to reinforce coverage along the BC coast, upper Vancouver Island, and the Queen Charlotte Islands; it was felt that 10 watts directed NW was adequate. The present simple vertical antenna is ground mounted with approximately 30 radials. Best time for reception here in Ontario is spring or summer 0700-0800 (Jan DX Ontario) Caught CHNX ID at 0900 peak on 6130, not too much QRM (Chuck Kristan, Delmont PA, 3/1) It's sometimes possible to hear 6160, 6080, 6070, 6030 and 6005 all at the same time; earlier this fall, had them all in at 0000, again 16/12 0800. 6130 remains very tough here; never have logged it 100% (Don Moman, Edmonton Alta) 5824.0 USB is fq for ski lodge net in BC & Alta Rockies, main controls are Revelstoke BC & Banff Office AB; many lodges check in w/wx & snow/avalanche condx, daily, hrd 0037 ending, presume 0000 start 29/12. Last year net star-

ted at 0100. Loud sigs here. During the day you may hear helicopters they use to fly in skiers (ibid)

CAPE VERDE Tried 7155 0730+ 13/12 & 16/12, but tho channel vy quiet, no trace of any het. If they are still on would've expected something as on 16/12 5980 Sierra Leone was audible at 0700 (Don Moman, Alta) G-P 27/11 0727-0825 on 7155, mentd Práia, Santiago; s/off anmt mentd São Vicente. May be activ only on weekends, hrd Sat but not Fri; this time no problem from BBC-7150; mix w/Budapest IS 0825. Interesting mx pgm w/woman DJ, few IDs, no ads or promos (Terry Bowden, Jan DX Ontario)

CHINA Have been noting occasional sudden fq jumps of about 200 Hz on R Peking 15520; first obs when using the R70; feared rx problem, but same thing w/FRG7000 (Loren Cox, Jr., Corbin KY, 8/12)

The unID reported on SWLD 11/12 as varying 5141-5153 in the 1000 & 1300 hours is R Beijing in Russian, // to at least 6560 & heavily jammed. 6560 unseems variable, but 5 MHz ch swishes around quite a bit to avoid QRM, usually failing. Also likely stn in Dec FRENDX LR as presumably ZRGD 5136// 6560 in the 1000 hour. On 7275, 12/12 1350 there was, tantalizingly, Beijing opera, and ZRGD time pips at 1359:50, audible beneath R Korea CH/JP; stuck w/it til 1400 when R Moscow as well joined the melee w/ opera still in progress; no dice. Guizhou likely the stn, and I seem to recall report from IL saying this was definite, but mere audition of CH on 7275 does not Guizhou make! Time stn BPM, Shaanxi province, freaking out on its 15 MHz channel 0428 11/12: almost nonexistent on 15000 but strong on 15007 w/carriers of descending strength on 15013 15020 15026, all modulated w/timepips/tix but w/all sorts of spurs of that mod in between, bfoing selves; Continental Code IDs began 0429, voice 0430; nothing the other (lower) side of 15000, so fundamental likely 15007 in weird spur mode. Time pips, as usual, on the half second relative to WWV and just about anyone else on 15 MHz; too far off to be just propagation delay (David Newkirk, Seattle WA, 12/12)

Jiangxi PBS, Nanchang, presumed the one on 5020 at 2244-2301 18/12; M&W in typical CH format of alternating talk; faded badly by 2300 but no pips hrd. Nanchang fits winter grayline pattern; last season 4865 & 4905 as well (Steve Reinstein, Miramar FL, DX South Florida) & see INDONESIA; MALAYSIA

COLOMBIA Chris Lobdell discovered a new stn on 4915, Emisora Armonías del Caquetá, in early Dec [see January NASWA LN] and subsequently received this reply to a report, bearing the logo at right (gh) Many thanks for your tape, which I have used on the air and which pleased the people. Our station is very new, on the air only 20 days [as of 18/12], inaugurated 23/11. It belongs to the Catholic Curia. Its objective is to reach the thousands of peasants who live in our immense jungles. Our region has suffered a great deal in the last few years due to the violence of the guerrilla groups, and the military action to combat them. Fortunately, times seem to be changing. Our programming is mainly cultural and religiously oriented. The station has achieved remarkable acceptance among the people, who consider it their own. I am a catholic priest, 45 years old, with 20 years of service, and 10 in the Caquetá; I have a professional journalist's card, and a first class announcer's license for radio and TV. Now I am the director and responsible for the station; few people work here; one must go slowly at the outset. I have traveled widely in several countries, including yours, which I admire greatly, as I do the American people, who are marvellous. Our schedule is 5 am to 10 pm Colombian time [1000-0300 GMT] (Padre Álvaro Serna Alzate via Lobdell, who adds:) Frequencies are 970 MW with 30 kW and 4915 SW with 3, both have the call HJVK. Address for reports is simply Emisora Armonías del Caquetá, Florencia, Caquetá, Colombia. The stn can be heard quite well here from *1000 to 1045 on 4915 (Lobdell) Slogan on the letterhead: "Un faro de orientación religiosa y cultural en el sur de Colombia". Tels: Dirección 20-80; Secretaria Estudios 21-04(gh) Hrd on 4915 8/1 *1002-1008, usual s/on, ID, prayer w/bird sounds in background, good (Bolland, FL)

I've been hearing R Surcolombiana on 15030, 3 x 5010, quite regularly in evenings recently. The harmonic, as in many cases, is stronger than the fundamental. On Collins R390A, so not internal problems (John Kapinos, Shrewsbury MA, 22/12) R Sutatenza on 10150, 2 x 5075, 2330 2/12 (David Crawford, FL, DX South Florida) R Reloj, 6566, 17/12 0220-0233, net feed on AM, LA vocals, IDs as R Reloj de CARACOL. Also had "Servicio Social de Radio Reloj," identical PSA format to that of the Costa Rican. Weak but in clear; no other feeds (6814, 6857 etc) hrd at the time (ibid.)

CONGO RTVC has reactivated 15190; s/on varies around 1000, closes 2300; 1475 is only other ancd fq (Richard Ginbey, RSA, RNMN 9/12) 15190 hrd most days when condx ½way decent, best 2200-2300 when QRM is less from 15195/185 (Don Moman, Edmonton Alta, 19/12) 6115 reactivated, hrd around 1900; and 9715 at 0800 (Richard Ginbey, RSA, RNMN 14/1)

COSTA RICAns supposed to have moved off many split fqs, but 26/12 0608 had some romantic mx on 1125, 0622 anmt mentioned "Amigo" (gh, Enid OK) "Amiga" has returned to 1125, first noted 24/11 0033 ID, and presumably the one still there 4/12 0100 (SWNS, via Jan CIDX Messenger)

CUBA unID on 1696 kHz since 6/12 0130-0330+, SP M&W & various mx, G level but no ID due ute & cordless phone QRM; no likely fundamentals; follows typical Cuban style, rather banal. R Rebelde spur on 1703, 30/11 0015 FMing in SP, weak // 600. R Reloj on 2370, 18/11 0202, usual nx & TCs, apparently 3 x 790 since nothing hrd on 1185; poor & fortunately not hrd since (David Crawford, FL, DXSF) Dec RIB p 36 shows nothing on 790 at that moment tho active earlier last year (gh) unID LAm stn on 4720 pre-

viously reported is Cuban MW harmonic, //1180 per Steve Reinstein (Mitch Sams, OMDC 1/1) Not 8 x 590 as reported before? (gh) RHC at 2350 11/11 on 4880, calypso & marimba mx, ID & IS, unseems rx-generated (Evelyn Hampton, DX-Chicago!) RHC EG at 0630-0800 noted 8/12 on 6020 ex-9525, co-channel Greenville but latter is no problem here, skipping over (gh) 9/1 at 0630 RHC EG pgm was on 6115, used earlier in eve for Moscow relay; 0752 abruptly changed to 6020; should have stayed on 6115, no VOA QRM (Jim Conrad, IA) RHC on 11065 27/11 2012-2030+ & usual RTTY accompaniment, // 11101 11091 11081 11071 11045 11040, all splattered w/same RTTY (Steve Reinstein, FL, DXSF) "La Voz de ---, Santiago de Cuba" hrd on 11737 28/12 2227; 2229 RHC chimes & ID, commentary, 2235 mx; 2300 ID, 2315 down in mud. Presume harmonic or spur (Chuck Oliver, Spring TX) Havana destroying 19mb, hrd 0338 19/12 on 15260 15272 15285 15302 15317 15328 15342; bad nx from US incl anti-Castro stn put to rest by Congress (Richard A D'Angelo, PA) Language? (gh)

[Clandestine] La Voz del CID, 28/11 0302 on 7360 anmt of full sked, mostly mx, nice het w/R Moscow SP svc (Steve Bonadio, Watertown NY) LV del CID on 7365.5, up from usual 7350-7355 range, 14/12 0157-0230+, IDs for R José Antonio Echevarría; 0203 Desfile Musical w/addr Apartado 8130, San José, Costa Rica (Steve Reinstein, FL, DXSF) And on 7411.7 at 2315-2323* w/pgm "Se Llama José Martí", resked frm 0130-0200 presumably to avoid 7410 Kol Yisrael QRM (ibid.) I've been hearing La Voz del CID on 7355 around 0300, lots of disco, "música para la juventud cubana" (Bro Mike Tripka, Loretto PA, 11/1)

CYPRUS BBC on 9825, 10/11 0315 in Persian, IS, ID in EG as East Mediterranean Relay, VG (Paul P Lynott, Burlington Ont, Dec DX-Ontario) Very interesting; this fq had always been from UK as are all OOBs; still, I wonder if the EMR ID actually originated in London since most other fqs would be relays from there. Difficult to check, as London Calling doesn't give lang sites, and OOB fqs aren't fully registered w/ITU & other authorities (gh)

CZECHOSLOVAKIA R Praga C&SAm svc in SP 0200-0257 & 0400-0457 on new 11950 (RN Info-DX, Dec) Also applies to EG during preceding hours, apparently replacing 11970; but still, who needs it, with 11990

CHILE XQ8AFI, Cerro Tololo Observatory, hrd at 1755 on 20875 LSB working KFK92, Kitts Peak AZ, also hrd (Spence Naylor, CA, ASWLC Dec) The DX pgm on R Agricultura, 9630, was resked temporarily due to a spl program about the Feria Internacional in Santiago at 1300; DX pgm hrd at 1230-1300 (Gabriel Iván Barrera, Argentina, LA-DX) But on 13/11 it was hrd at 1344-1349, half an hour earlier [sic] than usual (E P Povrženic, LADX) R Universidad de Concepción, 6135, *1000-1005 28/12, IS, full ID, fqs, call fair in SP. R Patagonia Chilena, 6080, 29/12 *0930-1000, two-tone IS, short interlude of guitar strumming, full ID w/list of fqs, ID as "Emisoras Patagonias Chilenas". Played a couple of low-keyed vocals until joining R Nacional for nx 0936 "Onda Noticiosa con R Nacional". Severe QRM from USSR OC after 0937; poor (Chris Lobdell, Red Bank NJ)

DOMINICAN REPUBLIC Clarifying gh's earlier report: R Santiago is on 820, not 830 MW; 6120 & 6048 are not R Comercial, but the SW outlet of R Santiago; takes nx from R Comercial in Sto Domingo. So R Comercial is on 820, 99+ FM, 6050 on 49m; 6120 did not give desired results. SW sked is 2130[?]-0400; QSL available. We have a DX pgm on this stn Sat 0000-0100; and on R Acción, 610, a 24h stn, Sun at 1400-1430 (Dino? & Carlos, R Club DX Internacional via RN Espacio DXista 18/12) R Santiago, 6049, 6/12 1855-1910, long merengue tunes, GMT-4 TCs, fqt ments of Stgo; suspect R Comercial IDs derive from Noti-Tiempo pgming from there; checked 7 yr old tape of R Comercial which listed affiliates but this one was not among them then (David Crawford, FL, DX S Florida)

ECUADOR R Zaracay hrd on 10184, 1/1 0930, LAm mx, ID, weak, 3 x 3394.6; strong ute covering 10184 this past week (Mitch Sams, AR, Ozark Mtn DX Club, 1/1) R Baha'í now on 4995.7, ID 0035 4/12 (Neal Perdue, AL, DXSF) to 0400*, many IDs, nom. 4990, calliope IS at 0357 s/off 25/11 (Lazarus, LA, ibid.)

HCJB having problems, 1/12 blasting in on 18025 w/mix of SP & EG at 0030, obvious xmtr problem as hrd on 3 of my rx and by other DXers in the area. Had been monitoring 18027 for Air Force One w/Reagan going into Brazil (John Kapinos, MA) Mix of 17745 and 17885; maybe that's why... (gh) 17885 has been dropped from the 0030-0200 bc as of 1/1, remains on 9745 & 15155 0030-0500. R Stubbe ancd on DX Party Line 27/12 that expl bc to India'd be carried out 1/1-5/3 at 1200-1230 on 15375, ant directed 228° w/100 kW. "Calling India," wants reports, special gifts would be given. Format: 1200 opening anmts, mx, ID, 1205 LAm & World nx, 1211 ID, 1211-1225 various pgms: WHAT IN THE WORLD, PERSPECTIVES, MUSIC OF ECUADOR, PRIESTS & KINGS, CALL OF THE ANDES, OVER TO YOU, VARIATIONS ON A THEME. 1226-1230 closing anmts & mx (Kraig W Krist, Falls Church VA)

Quito radio stn closed. From 24/10 to 31/10, R Noticia, 785 was closed. Its manager, Arcencio Arcentales said this was because its nx bulletins did not match those of other stns; and it was believed that several government ministers influenced this decision (La Voz via Ricardo Dibenedetto, Argentina, LA DX)

EL SALVADOR [Clandestine] R Venceremos has been giving xmtr VFO a workout, e.g.: 26/11 0013-0029 6840; 27/11 0023-0028 6880; 28/1 0230-0357 6850 at first, 0254 6865, 0309 6830, then 6865, 0340 6825, chased by mx jammer. The first time the jammer keyed up at 0248 was immediately after an ID. Every time R Venceremos left, the jammer would follow within 5 seconds; however, only once did the jammer find RV within 10 secs of fq change. Jammer was SSB-reduced carrier, mx-playing stn. Hard to tell

what type of mx it was but some was CAm and some disco; I believe the sideband was upper (Steve Bonadio, Watertown NY) The RV Follies 3/11 0250-0350: 6852 6885 6890 6710 6730 6851 6797 6852 6825 6805 6851 6830 6815 6728 6710 6715 6700 6888 6907 6890 6885 6830 6805 6728 6848 6900 6884 6715 6728!! Mx jammer remains mostly on 6712 so I suspect at least two xmtrs. Forces of repression smashing down hard. On upper range, 6850+, jammers used are awesome--sweeping carriers, buzzsaws, dental drills, dragging chains, white noise - the whole works are dumped on RV. At least 3 types of jammers (Terry Bowden, DX Ontario) César Martí, stn's Euro spoxeman in Paris, was interviewed on RNMN 9/12; said sked in local time is 06-07, 18-19 and 2030-; Sun morn also 1230 am xmsn, longer than usual. Has 1 xmtr + portable units; gasoline generator; too much dust and humidity. Some free radio stns in Paris carried RV tapes during summer holidays. Biggest financial support comes from Holland, Greece, W. Germany; also Belgium. R Farabundo Martí is in Chalatenango, he said (gh) R Venceremos, 6712, 14/12 0047, sounds like mobile relay xmtr, usual commentary; jammers at same time on 6710 AM & 6840 USB, former QSYed to 6716 at 0050, then both jammers went into cmnt by same M&W but not //, talking about 'ejército fascista' and 'victoria final' so apparently hard-core black propaganda (David Crawford, DXSF) RV hrd 29/12 1200-1242 going from 6712 to 6725 to 6714 to avoid mx jamming (George Moshier, Canoga Park CA)

R El Salvador is the ID now used by the govt stn on 655 kHz, hrd 16/12 0229 w/'Comentario del Momento' on defending against Nicaraguan subversion; 8:33 TC and ID again (gh)

FALKLAND ISLANDS Marconi supplied a new 1 kW FM xmtr for British forces only 3 days after the order was rxd in August; 3 days after that it was to be airfreighted from Britain to the Islands (Communication & Broadcasting, Sept via DX Ontario, Dec) FIBS in again 10/1 0100 on 2370. Strong sig but marred by atmospheric static. Art & classical mx show, possibly connected to Mrs Thatcher's visit? 3958, the alleged parallel, remains unheard (Gerry Bishop, Christiana PA) For another 2370, see CUBA

FINLAND Somewhere along the line R Finland slipped in another EG xmsn in the morning for a total of four, as ancd 2/1 to NAm Mon-Sat 1200, 1300, 1400, 1500 on 15400; 1200, 1300 and 1500 also on 21475. 1400 also on 25950 to SAm; Sun 1330-1525 on 21475 & 15400 (gh) Good news ancd on R Finland 13/1--the govt has finally agreed to finance 2/3 of a new xmtr site, with FBC paying for the other third, totalling $17 million; to be [only] 20 km from present site; newest xmtr at old site will be moved to new site, along w/antenna. More curtains and two new xmtrs, perhaps 500 kW will be installed in 3-4 years, with on air target date being 3½ years away. This should bring greatest improvement in NAm, ME & FE (Sam Ward, Columbus OH)

GABON Africa #1, nice sig 23/12 0600 on 14579 w/Af mx, ID // 4811. If harmonic, would be 3 x 7290 or 3 x 4860, neither hrd. And not hrd since, no idea how they got here (Mitch Sams, Farmington AR, OMDC) R Voice of the Gospel can be hrd from ANO Moyabi on 11815 at 1830 to WAf in Hausa, opening with an anmt in EG (J Bijsterbosch, Netherlands, SCDX 23/11) ANO is by far the easiest 60m African way out here, often hrd at *0500, and in fall/winter/early spring it can be hrd as early as 2100, rarely even earlier, upto 2300*. Sometimes near 444 quality. A good indicator of band condx (Don Moman, Alta)

GALÁPAGOS ISLANDS LV de Galápagos, 4810 presumed the one w/Ecuadorian anthem 0216 & s/off 0218* on 19/12 (Steve Reinstein, DXSF) And 25/12 into NA 0215, 0219* (David Crawford, ibid.)

GERMANY WEST AFN, Frankfurt, sent no-data "Confirmation of Reception" card for 13/10 audio feed of Frankfurt AFN over 9242 USB, normally an AFRTS feeder. Suspect the site is Ramstein, but that remains unconfirmed; sent to Frankfurt addr in WRTH (Terry Krueger, DXSF) The SW outlet of SWF on 7265, 20 kW now carries the 3rd pgm instead of the first, since 1130 31/12 (Ulrich Herbst, GFR, RNMN 14/1)

GHANA GBC, Accra, vernacular religious svc w/choir hymns & prayers to 2304* w/anthem on 4915 14/12 (Richard A D'Angelo, Wyomissing PA)

GREENLAND R Greenland not reported in US for many moons so I wrote them. Reply w/vy neat pix of studios from tech dir Thomas S Mikkelsen, says only SW fq is 3999 - daily 1000-0200 (Moritz, DXO)

GRENADA R Free Grenada on 15095 ex-15105, Eu 1945-2115; NAm 2130-0030 on 15045 (João Alberto Turner, Portugal, SCDX 28/12) One should not assume a permanent change in such cases (gh) Tho RFG ancs 15105, I've noted them on 15103 past several days, 10/1 2115* (Chuck Oliver, Spring TX, 13/1)

GUADELOUPE "FR3, Guadeloupe" ID hrd 14/12 0200 after some FR vocals on 640 (Gerry Bishop, PA)

GUATEMALA Finally got reply from TGMUA after many reports, from ancr/op Ovidio Chanchavac, acknowledging my deep interest but failing to verify! (John Moritz, DX Ontario Jan)

HUNGARY R Budapest currently has two 250 kW xmtrs, two 100 kW, and two of 45 kW each. To Eu omni ants generally used; otherwise directional. To N&SAm & Au, either fixed direxional or curtain ants are used. In certain cases log periodics also. During Oct, a different xmsn direxion was tried for Oceania weekdays 1000-1100 on 17710 11910 9835 9885 (Lajos Pusztai, RBSWC DX News via Kraig W Krist) One would think 9885 a typo for 9585, but the metric equivalent given was 30.34 (gh)

INDIA Back in late Oct, 1400-1600 was the time to check 60 & 41m for AIR regionals. Hrd several channels, just on the verge of f/out near 1530 w/sked EG nx. 7412 easy nearly any morn but 4800 & 4860 tougher. 28/10 had suspected AIR on 90m! - 3295 best of a poor lot, but something on 3205 3235 and 3350. Cold wx prevents my DX-peditioning away from city noise to learn if still happens (Moman)

INDONESIA RRI Ujung Pandang, 4753, 18/12 2201-2220 f/out making its first evening grayline appearance of the season! Indo nx by W to 2208, then hymns & Xmas mx 2214 (Reinstein, DXSF) CHINA, MALAYSIA

IRAN Very surprised to find IRIB, Kalamabad, on 3779, 20/12 1320-1420 fade. Had been checking fq for many months; now almost good sigs. 1420 is vy late for this fq in AR. Mostly just chants. Not // 15084. Didn't recognize lang as Farsi, but similar. Strangely, 90 & 75 m dead at the time. Could be due to recent solar flares; not hrd since (Mitch Sams, Farmington AR, OMDC DX Log 1/1)

VOIRI has introed new lang, Bangla, 1300-1315 on 15084 31/12, then into Farsi (R E Wood, Abha)

[Clandestine] R Free Voice of Iran uses 7180 1300-1330 (Fernando Casanova, Spain, RN Info-DX Dec)

IRELAND R Dublin is back, noted 0820 9/1 on 6910 w/rock & top 40, TCs, ads 0830, G sig too. Not hrd GMT Monday 0000-0200 (Gerry Bishop, Christiana PA)

ITALY R Milano Intl, 6221, 6/12 0613-0710, apparently relaying FM svc. Taped IDs in EG. Live DJ w/ IDs in IT. Rock mx. Some ute QRM and fading but by far the strongest signal of any Europirate heard here since R Dublin. No mentn of World Music Radio, which supposedly will use this as a relay (John Santosuosso, FL, DXSF) 6221, 16/12 0726 IT ad for Vagabond Jeans, 0730 EG ID as "101 Radio", also 0734; pop & rock (Gerry Bishop, PA) R Time, 6274, hrd around 0100 7/1 and other nites, tnx to Frank Petrick for tip (Jay Novello, Endwell NY) R Tele-Pace, Verona has this sked in IT to SAm on 15460: 1700-2000; and w/ID tape only 2000-0600* (R Fraser, Dec SPEEDX)

KAMPUCHEA AFP reports from Singapore 26/10 via Oct issue of SE Asia Monthly that Khmer Serika, Khmer People's National Liberation Front, has opend a small stn at the Front's stronghold within Kamp terr, broadcasting twice daily for half an hour at 3 am and 6 pm, nx, commentary, mx; low power means receivable only in western part of country like Battambang and Siem Reap Provinces. Is new stn and GMT would be 2000-2030 & 1100-1130. 3 am local seems a bit too early even for soldiers; possibly time given in Singaporean, i.e. one hour later (Isao Ugusa, DX Front Line 24/12) Frequency not known - a great challenge to locate them! (ibid.)

KENYA The VOK CE says equipment to improve reception has already been installed (Gordon Darling, BBC Waveguide 6/12)

KIRIBATI R Kiribati, 16431, has been semi-regular lately 1850-1910 in lang, unable to confirm R Australia nx at 1900 but one day had EG 1905. Funny thing is, I am unable to hear it at night around 0600 (Mitch Sams, Farmington AR, 1/1, OMDC)

KOREA NORTH Now that Cuba has vacated 15230, R Pyongyang comes thru well to immensely well on the 2300-2450 EG, today even lighting the LED signal-strength lamp on my ICR-4800 in the bldg where I work -- a cinderblock, concrete & steel computer-ridden manufaxuring plant (David Newkirk, Seattle WA, 8/12) RP in EG, G sig on 15230 at 2325 20/12, mx & leader-worshipful commentary (Doug Jaffe, Computerland, Burlington VT) Hmm, I wonder if the computers are somehow helping? Hi (gh)

KUWAIT EG to Eu at 0500-0800 & 1800-2100 on 15345 (SCDX 11/1) Not 11675 at 1800? Not hrd lately...

LAOS Houa Phan Province Natl R currently on 4655 to 1300*, no // in 49mb found. Pakse still 6588 to 1415* (Isao Ugusa, Japan, DXFL 24/12)

LEBANON Irishbat, Harris Base hrd on 19560 at 1430 w/tfc in EG IDing as "37", with stn in Eire IDing as "Ø". Also on 19 MHz are comms from Lebanon by Swedish, Austrian, Norwegian and Fijian soldiers--look for them! (Fabrizio Magrone, Play-DX, Italy) [Voice of Lebanon] 6550, 24/12 1503--after several attempts on other days, finally had audio here to f/out by 1544. Not very loud, but laughter and Xmas mx incl Jingle Bells. Lang sounded FR. 6215 [Voice of Hope] (actually 6215.7) had a much weaker sig at this time but one could just detect audio (Don Moman, Edmonton Alta)

LIBYA [Clandestine] Sudanese PBS in AR from f/in 1300 to 1615* or 1630* on 17940; sometimes //17930 for a short while afterwards (Richard Ginbey, RSA, RNMN 9/12)

Voice of Libyan People, 12645 14/12 2045-2100* w/ID like "Huna al sowt Shabi Libi" by M amid roar of jamming; again *2102 on 11365 w/same ID. Don't believe speculation that this is via Sudan! Egypt far more likely (Steve Reinstein, DXSF) On 11365 10/1 2210, 10 over 9; after 2115 [sic] he went down in the mud (Chuck Oliver, Spring TX) 28/12 at 2203, 11365 VOLP had SAH [subaudible heterodyne] and audio from weaker AR stn; 2215 VOLP s/off, and 2216 other stn off but noise remained (gh, Enid OK)

MALAYSIA Kuching, 4950, 18/12 2223-2242, a joy to log this in the evening! Chinese talk by M&W, some instl pops, peculiar 3-note chime several times 2226-2228. M seemed to ment Kuching right after song ended 2232. Faded into mud by 2242, Keep an ear out for 4845, hrd last season when Nouakchott off-fq (Steve Reinstein, FL, DXSF) & See also CHINA & INDONESIA for what he heard before & after this

[Clandestine] V of Malayan Democracy hrd on new 8998, ex-5600, not so strong but constantly, *1215-1330* (Isao Ugusa, Kobe, Japan, DX Front Line 24/12)

MALAWI [oops] MBC on & off 3380 w/100 kW; not used on 7130 this summer; 5995 is only regular fq, to 2210*, later than usual (Richard Ginbey, RSA, RNMN 9/12)

MALI RM good on 11961 but beset by cochanneler(s) 1725-1806* 11/12 w/two M in FR, ocsl mx; nx 1800 by another M, then complete s/off shpiel. 11960 jammer came on 1805 and neatly obliterated ending, but not before clear ment "R Mali" won thru the mess (David Newkirk, Seattle WA)

MALTA DW reported 3/12 their Malta relay is now back in opn, an agreement having been reached w/the Maltese govt. (I can do w/out those rock mx bridges DW uses between items on evening pgm to NAm.) (Loren Cox, Jr., Corbin KY) Law was changed making an exception for DW for duration of current govt's reign. No aid pgm included in negotiation. Back on 2/12 1100. Same amt of time given to Maltese govt as before (Peter Singer, DW Hochfrequenz, RNMN 9/12)

R Mediterranean reactivated, hrd testing on 5960 9/1 2205 AR mx, 2222 EG, AR, FR anmts, also ancd 1557 MW, regular pgm to start 18/1, EG 1800-1900, AR 2130-2230, FR 2230-2330. Repeated anmt referred to agreement between Malta & Algeria 20/5/82 making this possible, a "joint venture". Stn would serve Mediterranean region w/festival info, cultur, etc., to promote Med as a "lake of peace". Asked for reports to Box 2, Valetta; covered after 2300 by RCI (Jay Novello, NY) Same noted 10/1 from 2207 t/in on 5960, QRMoscow in Spanish, must've got their disco trash from Algiers; some EG anmts preceded by fanfare/anthem/IS. Tnx also to Charles Hargrove, Staten Island, for phone tip during this (gh) Also reported on SCDX 11/1 (gh) Ancr and mgr is Norman Howelton, interviewed on RNMN 14/1; said planned to expand to 6h per day soon; 1800 slot for EG because former trilingual hour then got good results, but might laten EG (gh)

MÉXICO Now Quintana Roo too has abandoned GMT-5 time for GMT-6 like the rest of the country except the NW, per official decree as of 3/1; of more interest to jet-setters than DXers, I suspect (gh, info via Horacio Hinojosa Arce, Monterrey) Instead of gospel huxters, XEG-1050 hrd 26/12 0626 with record offer, too long string of excerpts edited together, "Memories of the Huggy-Boy Show" [? That's what I scribbled, half-asleep -gh], 52 oldies by calling 213-748-0111 on "The Oldies Radio Connexion on 1050-AM XEG". Cheap--not even an 800 number! & A fine example of Mexican culture (gh)

MONACO TWR on 9495 w/usual religious fare called ENCOUNTER at 0835 19/12. No sign of 9610 or 7160 as reported in various circles. Ancd fq as 9.5 MHz (Richard A D'Angelo, Wyomissing PA) 7160 was a definite, testing. 9610 was propagated by WRTH Newsletter, perhaps relying on imaginary registration tho TWR's full fq sked admits to 9495 and several other OOB fqs (gh) What's this stn on 11655 at *1505? (Jay Novello, NY) The music box IS is that of TWR Monte Carlo, and this correlates with sked (gh) TWR D82 sked, OOB fqs only: 0400-0500(Fri/Sat/Sun 0515) 7325 Ukrainian/Russian. 0725-0940(Sun 1100) 9495 EG. 1130-1145 Sat/Sun 11655 Czech/Slovak. 1230-1330 Sun & 1230-1400 Sat 11685 Russian. 1300-1315 daily 9775 SP. 1504-1625 daily 11655 Russian/Ukrainian. 1630-1700 daily 9475 Polish. 1700-1715 daily 7325 Hungarian. 1715-1730 daily 9790 Hungarian/Croatian. 1735-1750 Tue-Sun 7325 Latvian, 1750-1805 Wed=Mon 7325 Estonian, 1805-1850 daily 7325 Lith/Lat/Uke/Russ/Byelo, 1850-1905 Tue-Sun 7325 Russian, 1905-1935 Sun 7325 Russian. Also note weekly pgm in EG to Israel on Wed 0530-0545 11715 (via Don Moman, Alta) last item probably that "Christian Jew" nonsense (gh)

MONGOLIA R Ulan Bator now bcing in EG to FE/SEAs/SAs Mon-Sat 1200-1235 & 1400-1435 on 6383 7235 and 12070. 1445-1520 on 7235 and possibly also 6383 12070 17785 (Pierre Ducos, France & Junji Kondo, Japan, SCDX 23/11)

MOZAMBIQUE EG is on 3265 & 9620 only, 1800-1830 (Richard Ginbey, RSA, RNMN 9/12) RM on 15296.5, 16/12 0456-0518 f/out, xlnt at t/in w/PT M DJ, many IDs and ments of Maputo, PT pops & local flute mx. Angola 11955 in well too at 0430 (Terry L Krueger, FL, DX S Florida)

NAMIBIA Tuned across 60m 24/12 0400 and noticed G sig on 4965 but no LAs--turned out to be Namibia w/Xmas mx, anmts in AK. In till 0500, vy unusual opening, other sigs present all from RSA, 4990, 4880, 4835 (Don Moman, Edmonton Alta)

NEPAL 5005, 7/1 t/in 1459, W w/EG nx, easily readable, main points in nx repeated, ID as "This is the end of the news which has come to you from Radio Nepal," then into detailed wx valid for 32 hrs! then into mx. Recheck 1541 had G sig, but no longer in EG of course (Don Moman, Edmonton Alta)

NETHERLANDS Lots of pirates busted lately, 30 in Utrecht alone (RN Espacio DXista 18/12) Tuned in R Rastafari, 6/1 0055, reggae & rock mx by "Third World", ID and end of EG pgm 0102; weak, difficult copy, anmt inviting reports to Box 162, but not sure of city--Dommel? Followed by talk in other tongue & mx on same fq 6274.2; periodic CW QRM (Doug Jaffe, Burlington VT) R Daytona International, which seems to be near R Nolan, I heard while in Europe mid-Dec; they planned a test for NAm 23/1 & 30/1 0530-0700 on 6274 with 30-35 watts (Brett Saylor, PA) Parliament has voted 42-24 to finance Radio Nederland from [domestic] licence fees (RN MN 9/12)

NETHERLANDS ANTILLES Transformer problem put one of the two RN Bonaire xmtrs off the air since 12/1. Demand for a morning nxcast in EG has led to a 5-min one during otherwise DT pgm at 1000 on 9510 6020 (RNMN 14/1) Hmm, I think the "since 12/1" applies to the latter item instead (gh)

TWR lost the battle for 9755, as they should have, 0355-0430; they were co-channel RCI for a month. They have moved to old RCI fq of 9535. The co-channel situation happened in 1981 w/TWR moving off 9755 in three days (Larry M Nebron, CA, 16/12) TWR on 9535 past 0600 (Chuck Kristan, Delmont PA)

NEW ZEALAND BCNZ is confident shortwave service will continue, already issuing tentative J83 sked, effective in May: 9620 0830-1215, 9655 1800-2100, 11960 1800-2100, 15485 2100-1215, 17705 2100-0815 (Arthur T Cushen, MBE, Invercargill, via Radio Nederland Media Network 7/1 et al.)

NICARAGUA V of Nicaragua hrd in EG 4/12 0516-0527 on 5955, SP before and after; EG segment called:

"The news, exactly as it happened". SINPO 43223 (Phil Wettensten, Chillicothe OH)

LV de Nicaragua TC & ID on 620 kHz, 0630 26/12 (gh, Enid OK) R Mundial way off nominal 930, hrd on 917 w/romantic mx 16/12 0235, 0254 ID w/reverb & s/off, 0256 NA, 0258 off (gh, Knoxville TN)

[Clandestine] LV de Sandino surprised to find on 10680, 21/11 2330-2340+. Revolutionary talk, ID, not hrd since. Wonder if their equipment could produce a punch up error or the like? (Garth Rotramel, AR, OMDC DX Log) Not known to use any fq with similar digits. 10680 has been a R Rivadavia, Argentina feeder fq in the past... (gh) LV de Sandino on 6232 SSB 0100 5/1; wonder if this is a feed, possibly from US for relay on 7 MHz? 6232 not hrd lately (Jim Conrad, Waterloo IA, 14/1) 2/1 1134-1206 Spanish on 6210, mentioned Nicaragua; more than likely LV de Sandino, hrd again 4/1 & 5/1 at 1100, starting with reveille, and later machine gun noise. Not jammed but not very clear, woman more understandable. 6/11 1100 nothing hrd until 1200 when something did come on w/mx jammer (Geo Moshier, CA)

NIGER has a good sig regularly on 5020 w/peak here about 0500; bad het causes problems not long after (Chuck Kristan, Delmont PA, 3/1)

NIGERIA It's pretty obvious that Voice of Nigeria is suffering because of its own bureaucracy, e.g. the absurdity of three separate English programs at once, 31/12 0527 on 15185, 15120 and 7255, for E, N, and W Africa respectively but strong signal into Oklahoma. 15185 ancd as EAf and apparently replaces 11770. Time ancd as 1530 instead of 0530, later corrected. 15120 stronger but awful audio, low level and distorted; at 0530 all three merged for common nxcast (gh, Enid) VON on 15120 12/12 2128-2156 in EG w/"NAf & Overseas svc" ID 2129; some tribal mx to 2130 nx, 2140 commentary on Chad, 2143 nx of Nigeria, 2150 ID, TC, rock mx (Richard A D'Angelo, PA)

NORWAY One of the problems with the new Telefunken 500 kW xmtrs is that on the three highest bands, they will not operate above 300 or 350 kW, perhaps due to mechanical tolerances in the final tubes (NTA spokesman via RNMN 9/12) Regarding press reports that the new xmtr plant is a 'flop', we called Telefunken in Berlin, early November; they denied this charge, and that the plant was only operating at 20% capacity and that Telefunken was paying fines for this. Said they would send us a written statement but none received. NTA CE says one of the SW xmtrs at Kvitsøy will operate at 500 kW below 15 MHz but only 300 kW above; the other one not yet operational; xmtr #2 may be on by mid-Jan (Sweden Calling DXers 28/12)

PAKISTAN RP Hindi svc 15/12 0108-0215* on 7381.7, ex-7010v; local pop mx, IDs, 0125 nx, 0214 brief anthem. Drifted to 7383.4 by s/off (Steve Reinstein, Miramar FL, DX South Florida)

R Pakistan in EG to Eu 1645-1745 is strong on 11670, but I can't hear a thing on 15500 or 15545 (Heather Hall, Fort Worth TX, 15/12) 9460 has replaced 15545 (Gordon Darling, BBC Waveguide 6/12)

PANAMA SCDX reports the possibility of Radio Japan installing a relay station here (Eduardo Bazzo, Argentina, LA-DX)

PARAGUAY R Nacional, Asunción, has changed 11914 to 9734.7, hrd 24/12 to 0200* Much harder to log here due to heavy QRM (Stefan Bursell, Norrköping, Sweden) Reactivated 9735 since 26/12 1355 ex=11914 very good quality (Emilio Pedro Povrženic, RN Radio-Enlace 8/1) So the harmonic should move from 23828 to 19470; look for it there (gh) R Guairá is hrd here only in the mornings around 0930, varying between 5930 and 5980 (Povrženic, LA-DX Dec) 0910 15/11 had "Buenos Días, Paraguay" pgm; distorted(ibid)

PERÚ R Ilucan reported active on 5618; stn hrd hre 1/1 1110-1124 fade; long-winded talk, mentd Perú, OA flute mx. Weak & not hrd after repeated attempts (Mitch Sams, AR, OMDC) R Chota on new 6260 ex-6293, fair 18/11 0320-0335*, vocal NA (David Crawford, DXSF) 6260.5 31/12 1114-1115 (Robert Wilkner, DXSF) R Oriente, 6190 *1103-1130 28/12; R Cultural Amauta, 4955, *1058-1118 29/12. (Chris Lobdell, Red Bank NJ) R Arequipa can be hrd 0230-0330 on 5940 (Rodolfo L Mignini, Argentina, RN Info-DX Nov) unID on 5113 from LAm 28/12 and since 1000-1030 (Chuck Kristan, PA) Surely R Eco, usually reported on 5112 (gh) R Los Andes, Huamachuco announces sked as 0900-2300 on 5030 (E P Povrženic, Argentina, LA-DX Dec) GMT? (gh) Esmeralda Radio, Huanta, uses new 5060 only in mornings, hrd 10/11 0905 (ibid.)Replaces 3800, 5050, 5300, becoming one of the most irregular stns. Also hrd in Norway on 3285, tho it was hrd here on 3800 (ibid.) R. Esmeralda, 3800, 1/1 1025 mentd Esmeralda, lots of ham QRM (Sams OMDC)

PHILIPPINES R Veritas has Asian, not just Philippine pgms; EG changed in Nov to 0000 on 15195 15280, 1430 on 11955 15215 (Victor Goonetilleke, Sri Lanka, RN MN 24/12)

POLAND Wałęsa arrested; Poland begins jamming BBC on MW 1296 with a HS xmtr; also affects 6 other langs; and also jamming VOA (BBC WS news 1300 16/12) Constantly blocked by Warsaw-2 coming onto the fq. After offl complaints, Poland ceased, saying it was accidental due to a xmtr fault. BBC Dir-Gen Douglas Muggeridge said he doubts this because it continued for a week (BBC via Harold Sellers, DX Ontario) So the xmtr knows exactly what fqs it should drift to? Accidental, my eye ! (Steve Webster DXO)

Polish Pathfinders Stn back on the air 19/12 after a year of silence; on 6195 1055-1500 except weekends & holidays 0900-(BBC Waveguide 3/1)

PORTUGAL R Portugal back on 6025, EG 0300. Their features on Portuguese history are quite interesting but sometimes dryly presented (Mike Tripka, Loretto PA) RFE Romanian on 15075 0800 20/10 to 0805* (Gerhard Widera, Lauterbach, GFR, WWDXC) Probably mixing product between two 250 kW Gloria xmtrs: 15215 in Romanian, sked to 0805*, and 15145, Polish, continuing--or was RFE trying OOB? (gh)

ROMANIA R Bucharest new fq of 9550 at 0200 & 0400 is received better than the rest. Full EG sked, effective 8/11, w/fqs converted from meters: NAm 0200-0300 & 0400-0430 11940 11810 9570 9550 6155 5990. Eu 1045-1100 17870 15250 11940. 1300-1330 17720 15250 11940 9690. 1930-2030 & 2100-2130 9690 7225 7195 5990. Pac 0645-0715 21480 17805 17790 15335 15250 11940. As 1200-1230 21525 17720 15335. 1500-1530 17850 17805 15335 15250 11940 11775. Af 0530-0600 17790 17745 15380 15335 11885 11840. 1730-1800 17825 17720 15380 15365 11885 11790 (Kraig W Krist, VA)

SAIPAN KYOI hrd testing on 15190 w/rock from L.A., mentions 24h, 19/12 +0300-0500+, fair. Sounds like the airline music channels--maybe they could save more $$ by eliminating the no-personality DJs and using a voice synthesizer (Joel Rubin, Berkeley CA) 19/12 0715 on 11900, poor on test; must have come on air quite recently (Tom Laskowski, South Bend IN) 21/12 & 22/12 0600-0700 pop mx, full IDs on 15190 (Zack Schindler, Detroit MI) 24/12 good on 9670 right thru the morn and into late afternoon when Eu faded in co-channel around 2000. Pgming admittedly served as background for the duration of the monitored period (Doug Jaffe, in the foothills between Milton & Colchester VT) 25/12 1551-1650 on 9670, rock mx, IDs in EG & JP, 43343, noise & het (Paul Royce, Wauwatosa WI) Exceptionally G 31/12, 1845 ID on 9670, mentd that fq for 0700-1200 xmsn is 15405 (Chuck Kristan, PA) They give times in JST--so that's 2200-0300 GMT. RA DX reported 9675 ex-9670 but not so when I checked. Full sked as revised seems now to be: 2200-0300 15405, 0300-0900 15190, 0900-1500 11900, 1500-2200 9670 (gh) Sounds like any run of the mill AM rock/disco stn; doesn't really offer anything new to the NAm listener (Scott Nelson, Parshall ND) I hope KYOI shapes up to a sizable representation of American culture. What I've hrd so far is third rate automated top-40. But I'll reserve final judgement until a regular format is apparent (Gerry Bishop, PA)

SAN MARINO M1V is on 21270-21275 or 28570-28575 Sats from 1700. QSL to Box 1 (Dec CIDX Messenger)

SA'UDI ARABIA On 5876.3 at 1933 13/12 I hrd AR style singing/chanting; listed in WRTH. Unusual propagation, 6210 Vatican, 6790 Somalia, 7255 Nigeria also in plus several Chinese & Korean regionals; 60m had Afros, Cameroons 4850 audible near 2000--that's 1 pm MST, a most unusually early time for 60m (Don Moman, Edmonton Alta) Not really as far north as you are near the shortest day of the year (gh) BSKSA on 10936 11/12 2030 ISB feeder, USB // 15060 Arabic HS, while LSB // 11685 Holy Qur'an service (Steve Reinstein, FL, DX S Florida)

SÉNÉGAL There is a secessionist movement in the part of the country including Ziguinchor--so the listed 6180 outlet there might bear watching (Richard Ginbey, RSA, RNMN 14/1)

SOUTH AFRICA Reacting to Capital Radio and Radio 702, SABC is setting up a R. Lotus, for the Indian population now served mainly by R. Truro from Swaziland; to begin early in 1983. The two stns are scrambling for pgms from India. R Lotus is not able to use Indian stuff due to India's ban on interchange with South Africa. R Truro expected to still dominate the market (Neil Lewis, RSA, RNMN 9/12)

SURINAM Due to the revolution, all 5 private commercial stns have been closed; the ones on 640 and 1030 burned down. ABC Radio VP was executed. Stns on 600, 820+SW, 914 closed too. SRS is still on, 725 & 4850, under military control (SCDX 21/12) There is talk about setting up a SW stn for the liberation of Surinam in Venezuela or French Guiana. Meanwhile, RN has become main source of info for people in Surinam; reports of jamming have not been confirmed (Victor ---, chief of pgms to Surinam, RN Radio-Enlace 8/1)

SWEDEN R Sunrise no longer at 2200-2300 due to poor listener response. Now only first Sunday of each month at 1000-1100 GMT on 11416. Sun 2/1 s/on delayed 10 mins. How can anyone suggest this being a Danish pirate - when you consider the accent of the DJ's English?? (Stig Hartvig Nielsen, Denmark) - Looks like R Sweden has abandoned the "Do It Yourself" cards and gone back to regular ones (Kap Kapinos, SPEEDX QSL Ed., Jan) From 29/11, RSI to EAs in EG at 1230 on 11960 ex-11765 //21690 still (Barbro Olsson, RSI, SCDX 30/11) From 20/12, RSI to SAs in EG at 1400 on 15285 ex-21700 (SCDX 21/12)

TANZANIA Tnx to gh/SWLD/RE Wood, I solidly logged RT on 9749 1805-1815 5/12; EG end of nx, pgm notes, wx report for next 24 hrs. LSB product detexion a must, and still a hassle with jammer hiss from adjacent fqs (David Newkirk, Seattle WA) 9685 reactivated, 0300-2100 w/Natl Svc in Swahili; 9750 has ES in EG to 0430*, not 0530; // 9685 in between times (Richard Ginbey, RSA, RNMN 14/1) R Tanzania official says xmtr for 15435 was purchased from Chinese and is off air due to lack of spare parts; hints it may return soon. Chinese xmtrs less expensive at first, but maintenance and spare parts make them very expensive to keep operating. Many of RT Zanzibar's expansion plans have been postponed due to heavy expenses involved in Ugandan war. RTZ is hard to hear in Dar-es-Salaam, so he's surprised US DXers have heard it (Tom Gavaras, MN, via SPEEDX et al.)

TÜRKIYE The AFRTS feeder from Incirlik reported on 11115 at 1445 in RIB Dec is indeed from Turkey. Incirlik is largest mily base we now have in ME. Local stn there was called CFN--Communications Facility Network, & was of course an AFRTS stn; due to Turkish law the base had to be known as Incirlik Common Defense Installation. It's about 5 mi outside of Adana. I lived there in 1972-1974 (Mitch Sams, AR, OMDC 1/1) [Clandestine] Bizim Radio, V of Communist Party of Turkey, tentatively on 9584 at 0823-0835+ 29/12 & 30/12, commie words hrd, hetting 9585 badly; impossible weekends when 9585 is occupied by R Budapest in Greek & Turkish, so take note (Mitch Sams, Farmington AR, OMDC 1/1)

U S S R 12/12 0500+ while monitoring IBA's EG on 9815, for first time got frightful QRM. Found RMWS on 9820 quite strong, 9810 quite weak; and w/BFO found something else on 9817.6 After IBA quit a little past 0530, discovered RM was gradually drifting down; by 0540 to 9816.9, by 0550 to 9816.5, by 0559 to 9816.0. (On 9810 they had effectively disappeared.) Stopped at 0600. Since URS came in quite strong, ranging between S9 and 20/9 = QSA-4 to me, I wondered if xmsn might come from Cuba tho have no other evidence. After URS quit, still found carrier in het on 9815. 9817.6 probably URS itself, already having drifted down (Ralf Munster, Decatur GA)

Xmtr sites: Large site SE of Moscow, previously believed to be Syzran, now located on satellite photos as at Ulyanovsk; fqs often listed & QSLed as Kazan, nearest well known city; also sometimes as Gorky (17755), Riazan (15140), Zhigulëvsk (15220), and Oren'burg (6090). Large site found on satellite photos at Yevpatoriya, in the Crimea, W of Simferopol', is apparently the site listed by RM as Simf. The site for 5 x 500 kW xmtrs, believed near Nikolayev but not yet precisely located, is per propagation obs, 100-200 km N of the Yevpatoriya site. The 250 & 500 kW xmtrs, previously believed to be at Novosibirsk, apparently are instead at site doscovered on satl photos at Krasnoyarsk. One of these is used on NAm svc, 7440 winter/11960 summer, listed & QSLd as Kenga, a small town N of Novosibirsk. The Novosibirsk site has 14 xmtrs of 50/100 kW. Lazarev, near Nikolayevsk-na-Amure, is believed to have four 50 kW xmtrs used on DS, usually listed as Nik/Am on 5990 6155 6190 or Komsomolsk-Amure 9700 11910. Ulan-Ude site, E of Irkutsk, believed to have two 50 kW in DS. Current fqs are 5910 6200 12060, unlisted since out of band, and 9575, listed as Chita (Dec UHN)

R Moscow NAm svc to West Coast 0400-0700 GMT [used to be to 0800, so dropped an hour?]: 15455 Petropavlovsk -0500, 15240 Blagoveshchensk -0700, 15140 Vladivostok -0500, 12050 Pet -0500, 9795 Pet 0530-, 9735 Khabarovsk 0430-, 9580 Pet thruout, 7260 Pet 0430-, 7175 Vlad 0530- (Dec UHN)

15080.2 in USB, EG nx 0003 29/12„ very distorted, unstable, very weak; ID as NAm svc of R Moscow. Cuba messing up again? or? (Don Moman, Alta)

UNITED ARAB EMIRATES Abu Dhabi, tent. on 9695, 24/12 2115-2135, AR vocals & W thru RFE Polish; usually 2130* but may have been on late for Friday. Have been hearing this for 3 or 4 yrs without an ID yet (David Crawford & Terry Krueger, FL, DX SF)

U K O G B A N I BBC Calling the Falklands is now aired for half an hour twice a week, Tue & Thu 2130-2200 on 9915 11820 12040 15390, per Andrew Piper on Waveguide (Jan DX Ontario) I thought he said Tue & Fri (gh) BBC to Caribbean 1100-1330 since 12/12 on 15255 ex-15215 (Waveguide 6/12) Due to WYFR, I guess (gh) From 1/1, BBC Pashto expands to half an hour 0145-0215 (Waveguide 3/1)

R Atlántico del Sur background from the Ministry of Defence: Purpose was to reduce Argentine will to resist. Why 9710? It was close to an Argie stn, and not a BBC fq. Many letters were received, including from Argentina. Jammed regularly but largely unsuccessfully. We are not prepared to identify the announcers; pop mx was played since it was for an unsophisticated target audience. BBC took no part in RADS, including the transmission of it. Then, after reviewing tapes of RADS, RN's Spanish DX program producer Alfonso Montealegre (a native of Colombia) rendered some opinions on the RADS announcers. The first one was not a native speaker, but mixed Castilian and Argentine accents. Another sounded Cuban/Dominican/Puerto Rican. All seemed to be forcing their voices, trying to sound different--Britons who speak Spanish or Latin Americans who have been away for a long time; Cubans trying to speak like Argentines; another sounded Antillean, perhaps with Papiamentu as native language; another almost surely had a Chilean accent. "Mariana Flores" who did the PAUSA SENTIMENTAL could be Chilean. All this would never convince Argentine listeners, combined with very old records, poetry in bad taste, talking nonsense--the whole thing was laughable, and stupid! says Alfonso (RNMN 24/12)

U S A VOA is to expand Dari & Pashtu, cutting Farsi by half hours (RNMN 16/12) AFRTS feeder obs on 10537.8 around 2129 (Wolfgang Büschel, Dec WWDXC) On 10531 1829 8/11 (Gerhard Widera, GFR, ibid.) See also GERMANY WEST (gh) WYFR Canadian svc on 6065 missing; Okechobee tells me Gates guy has xmtr torn apart working on modulator trying to fix the splatter; it's one of the 50 kW xmtrs moved from Scituate; 29/12. Was back on 5/1 but carrying Spanish! on the Canadian svc, switching abruptly to EG at 0400. 14/1 6065 still SP; 9715 had been EG until 0400, then SP but now 9715 is EG only. Also a previous xmsn in SP at 0700 on 9575 is no longer hrd (Jim Conrad, IA, 14/1) 14/1 0450 ancd in SP on 6065 they would move to 9705--but they didn't. HUTA! (gh) WYFR hrd on 23610, 2 x 11805, 3/1 2130 FR into IT (Mitch Sams, AR, OMDC) WYFR tells me they are now building three 100 kW xmtrs at the same time tho this might change. One will be for the Am/Canada svc, other two not decided but probably Eu or Af or NAm. The Continentals are to go on the air in March, May, and July 1984 (Rob Harrington, Littleton CO, Jan CIDX) WRNO hrd on 23780, 2 x 11890 at 2325(Donald Saunders, E Brunswick NJ, ASWLC Dec) Try this if TWR QRM gets to you on 11890 (gh) Tentative WRNO M83: 1800-2200 15420, 2200-2400 11955, 0000-0200 9725, 0200-0600 6155, 0600-0800 6115. Sunday only 0800-1200 6115, 1200-1400 9715, 1400-1600 on 11940, 1600-1800 15140. This is the authorization, but I think WRNO has actually been closing at 0500 except Sunday (gh) FCC Ferndale WA confirmed my hearing WWV spur on 10260.276. We both heard the fq of the spur carrier shift during tone mod of the minute beep, circa 0320 10/1. He also heard one of the ± 9 kHz spurs, tho very weak both there and here. I note that these may be well within legality, depending on how far down spurs must be for WWV, audible only when WWV is immensely strong (Newkirk)

Tactical: A number of these stumbled into over the past few days include 8A28 [all these calls rendered phonetically] calling 8A on 11633 USB 1535 4/12; on 17510, W7K USB at 1820 5/12; 10724, Accordian being called by what sounded like Outrigger but wasn't, at 2239 5/12 on USB; and most interesting, the A1A (cw) one hrd 5/12 2251 on SWBC band 15232: "QRM4 QRM4 QRM4 QMH QMH QMH TO PRIMARY PRIMARY PRIMARY PRIMARY KK" very strongly; later IDed as S6F hrd called by a weaker T3N. S6F almost surely here in WA; unfading. QRM, of course, a Q-sig, as is QMH, but dunno what QMH means tho I also hear it in VOLMET bcs; and what does VOLMET stand for? never heard it explained in 14 years (David Newkirk, Seattle WA, 9/12) French acronym for Flight Weather, vol + météorologie, I imagine (gh)

ASCII is very rare on HF and until these two loggings, I have never heard or seen ASCII reported outside the ham bands. I speculate that these astronomical observatories use ASCII (vs Baudot) because of its larger character set, thus facilitating the xmsn of computer pgms back and forth: 17/12 at 1743, KCW21 on 20610.0, Smithsonian Astro. Obs. with phone and ASCII to their observatory in Arequipa, Peru, OCK25, also hrd in contact on same fq; SAO is in Cambridge MA. And at 1835 on 20876.0, KFK92, Kitts Peak Obs, AZ, also hrd w/ASCII to XQ8AFI, Inter-American Observatory at Cerro Tololo, Chile. Another interesting logging, 17/12 1716 on 20011.4, KNY26, Hungarian Embassy in Washington DC w/RTTY traffic back to Budapest (Fred Osterman, Pickerington OH)

Still can't quite get over the gross change in format of WKY, 930, Oklahoma City over the years--used to be premier rocker; now MOR w/heavy CBS feature sked, and even goes so far as to carry Philadelphia Orchestra concert from Parkway, noted 27/12 0455 starting its 2nd half--that's Sunday night (gh, Enid OK) Spending a night in Memphis on the way back, noted open carrier and hum all evening, obviously local, on 990 kHz GMT 4/1--KWAM forgot to turn off xmtr? Called them next day but no one there knew anything (gh)

[Pirates] R Clandestine, 11735, 7/11 1600 ID, 50s mx (Mike Shockley, OK, SPEEDXGRAM)

Munchkin Radio, 28/11 0310 on 7430, "from the land of Oz, this is the Wizard" briefly, and at 0400-0410 w/complete taped show incl "Also Sprach Zarathustra" as s/on theme, and a couple of Dr. Demento-type tunes. R Indiana 28/11 0500 on 7390, barely understandable because of a het. Radio Free Radio, self-proclaimed last broadcast 28/11 at 0600 on 7430 SSB; the RFR guy was rather upset about Radio Netherlands' publicizing of several pirates' 28/11 skeds on previous week's MN, but it doesn't seem that the publicity scared too many pirates off the air. RFR had a half-hour bc and a QSO afterwards with some other pirate; Munchkin had a full-length (10 minute) show; Indiana was driven off the air by QRM, not the FCC (Bruce Tindall, Chapel Hill NC)

Radio Free Wave, 7425, 2/1 0518-0600* steadily improving signals to L&C @ s/off. Features mixture of New Wave and Rock mx w/parody ads for a SW rx; Ancr, "The Captain", said to send rpts to comms mags and sw clubs supporting free radio. IDed as "R.F.W. from somewhere in the Great Northeast" (Jay Florian, Round Lake IL) 26/12 *0358-0440* on 7425, weird IS, Martian EG IDs, pop mx, amusing review of the new RUF-9000 rx, which exploded during on-air test. Said would return 31/12 at 11pm Eastern. Excellent reception (David Crawford, FL, DXSF)

Nylon Radio, 7000 kHz, 11/12 0018-0115* w/horribly distorted sig and less than 10% readable. M gave SP IDs as "LV de Cuba" but pgm mostly blasé new wave noise. Ancd something about 42 & 49m. Tnx Wilkner phone tip (Steve Reinstein, FL, DXSF)

V of the Pyramids hrd on 15035 26/12 ending bc at 2030 (Joseph M Szulik, Altoona PA) Ancd as test to Eu, 26/12 2005-2029*, excellent level but rather fuzzy audio; off w/Hendrix NA (Crawford, FL, DXSF) And on 6280 26/12 0559-0619*, on w/"Simon" IS, ID, into "We are the Champions"...more heavy metal (ibid)

WDX, surprised me 7/1 on 3240 at 0309 tune in. The WART guy I spoke to on the phone seemed genuinely surprised that they were being hrd on 3240--but he said they didn't take a lot of pains to tune their xmtr since they were going to be so far from other stns (not so sure I understood that). Said they were 200 miles east of Cape May NJ. No interaxion between callers and stn almost supports this theory; and tho they seem live, they make no promises as far as requests, dedications. Said it was their inaugural bc, but you may have heard us before. Very poor on 1620 kHz (Jay Novello, Endwell NY)

URUGUAY SODRE, 15273.5, IDing as "Radiodifusora Nacional" and into serious drama 2300 30/12 (Richard E Wood, Abha, Sa'udi Arabia) 15273.3, 3/1 0003 W w/nx, phone inserts, 0017 SODRE ID. Rarely hrd, and then tuned to 11835 where El Espectador was coming in nicely, 0027 t/in, 0030 2 long time tones, 0100 full ID w/fanfare, nx, no QRM! but weakening till 0124 t/out (Don Moman, Edmonton Alta)

VENEZUELA unID baffling me on 3830, in clear 27/12 1000-1030, ID sounds like "R Cicente Nueva", mentions of Caracas, Venezuela (Chuck Kristan, PA) Mixing product of R Táchira, San Cristóbal, between 4830 and 1000 kHz xmtrs (gh) Same stn on 5830, 29/11 1105 // 4830, not hrd on 3830, not image (Crawford, DXSF) I've actually hrd R Nacional on ancd 11695, very poor at 1100, unhrd at 1800 (gh)

VIETNAM Hoang Lien Son now sked 1000-1030 & 1145-1300 on 5613 6562. Gia Lai-Kon Tum on 4669 ex-4687 at 1145-1300. Bac Thai on 6605-6610 in Dec, 1125-1330 (Isao Ugusa, Japan, DX Front Line 24/12)

ZAMBIA 9505v ex-9580 0300-0400, 1550-2100(Fri/Sat 2200), Sun 0550-0730 (R Ginbey, RSA, RNMN 9/12)

ZIMBABWE ZBC Radio Four *0830 now on FM, and SW 7330; poorly modulated on SW (ibid.)

LISTENER INSIGHTS ON PROGRAMMING

A S C E N S I O N (Stamp Collector, via Marcel Sager, NY)

Ascension marks 50th year of BBC's world broadcasts

To anyone living in Great Britain or one of the Commonwealth countries in the early 1930s, radio played an important role during Christmas, and one of the holiday highlights was the Christmas Day "Around the World" broadcast and king's speech.

The South Atlantic island of Ascension has appropriately chosen 50 years of external broadcasting by the British Broadcasting Corporation as the subject of its 1982 Christmas issue, according to StanGib of Garden City, N.Y.

The BBC received its license to broadcast news and information from the British Postmaster General on Jan. 18, 1923, and while it soon acquired a reputation for being a touch on the stuffy side, it became greatly respected for the quality and accuracy of its programs.

Potential announcers were given formidable tests before being allowed to broadcast, and it is said that as late as the eve of World War II, announcers always read the news in full evening dress!

The BBC's attention to accuracy is well illustrated by the fact that its Advisory Committee on Spoken English included such giants as Robert Bridges, Rudyard Kipling, and George Bernard Shaw.

King George V made his first Christmas broadcast in 1932, and this was continued each Christmas Day, until it became a highlight of the British Christmas celebrations.

Bush House, the BBC's overseas broadcasting headquarters, is the subject of the five pence stamp, while Ascension's Atlantic Relay Station is seen on the 10p value.

The first director of the BBC was Sir John Reith, shown on the 25p stamp, who ran a very taut ship and exercised complete and stringent control over the style and moral content of the broadcast activities of the corporation.

By today's standards, his attitude would seem Victorian in the extreme, but it gained for the BBC a worldwide respect for broadcasting integrity.

The 40p stamp pictures King George V making his first Christmas broadcast to what was then still known as the British Empire.

During the 1930s, the BBC's External Broadcasting Service developed until it had 11 departments broadcasting to the world in languages as varied as Thai, Tamil, and Serbo-Croat.

The stamps were designed by Anthony Theobald and lithographed by The House of Questa.

The issue date is Dec. 20.

Ascension Island is marking 50 years of external broadcasting by the British Broadcasting Company with its 1982 Christmas issue. One of the highlights of Christmas for Commonwealth countries has been the annual speech by the reigning British monarch, which the BBC first brought to those countries in 1932.

C A N A D A (Warren Linds, Regina Sask)

I sent a letter to the News Editor of THE WORLD AT SIX, CBC Radio about a news item at 6:15 pm CST Oct. 22 regarding a situation in Guatemala. The report stated that the Netherlands Ambassador to the UN had interrupted a meeting of the committee on social affairs to report that a village of 5000 Indians in Guatemala was surrounded by the military and had 48 hours to give up or be killed. The story went on to say that "the Indians in Guatemala have been traditionally caught in the cross fire between leftist guerrillas and the Guatemalan military." This story must have come from a news release of the US State Department. The sentence about "cross-fire" doesn't seem to have any faxual relation to the situation of the military surrounding an Indian village. Any reading of the myriad sources of information on Guatemala would indicate that the Indians as innocent victims is patently absurd. Land being taken over by the Guatemalan military for resource development are Indian lands and they are rightfully protesting this.

It would seem to me that the CBC as a publicly owned broadcasting corporation has the responsibility to its owners (the taxpayers of Canada) to ensure that news from international correspondents isn't just "ripped and read". It's important that news from Central America be accurate, especially since US news generally reflects US interests in the region. Perpetuating dangerous myths such as the above story is no help to listeners who are trying to understand the situation. By the way, I heard no more reports on this story after the Oct. 22 newscasts. Apparently the public appeal by the Netherlands saved this village but who knows how many others are under threat? I would be interested in knowing of any monitoring of other SW stations on this particular situation. SWL, it seems to me, will be an aid to us in ensuring that the massacre of Indians in Guatemala doesn't continue. Any monitoring of La Voz de Nicaragua, Radio Habana, Radio Netherlands, United Nations Radio on this?

C A N A D A (gh, from Radio Guide) February highlights on CBC. BOOKTIME (Mon-Fri 10:25-10:40 pm local on CBC Radio MW + 6160) Jan. 24-Feb. 11 "Summer Lightning" by P.G. Wodehouse, a BBC reading by Ian Carmichael. Feb. 14-Mar. 1 "Memories of a Catholic Girlhood" by Mary McCarthy, read by Nicola Lipman.

NIGHTFALL, Fridays 7:30 pm local on MW + 6160; GMT Sat 0030 on 11850 & 5960; 0230 on 9625 & 6195: Feb. 4: "Beauty's Beast" by Burke Campbell. The doctor's daughter, Victoria, was disfigured in a car crash, yetnow she is more beautiful than ever before. What is the secret of her father's rejuvenation clinic? What is his revenge on the young man she falls in love with? What is Victoria's revenge on her father? Feb. 11: "Angel of Death" by Raymond Storey. A soldier in the proud Canadian Mounted Rifles is killed in action at Ypres in 1916. Now, a few months later, in Toronto, his cousin hears voices in the night, as the Angel of Death takes a room in the attic. Feb. 18: "Semi-Detached" by S. Selway. Ray & Nicole Littlewood are expecting their first child. But they hadn't bargained

on the poltergeist which seems intent on disrupting the pregnancy. The air in the Littlewood household crackles with psychic electricity until Dr Robert Gray agrees to take the case. Feb, 25: "A Glaze of Perfect Beauty" by subscRIBer Steven Freygood. In Paris at the turn of the century, the potter Isigeac searches frantically for the perfect glaze. Egged on by the antique dealer Lenoir, Isigeac is prepared to make the ultimate sacrifice to attain his goal. Directed by Sudsy Clark, Halifax.

ANYBODY HOME? the show of, by and for kids, takes two hours, but only the second hour is scheduled on the CBCNS, 11720 & 9625, 1605-1700 Saturdays. Feb, 12, 19 and 26, a three-part series on Kids Having Kids--the problems of teenage parenting-- may happen to be on the second hour if still on NS.

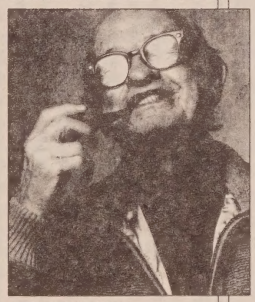
THE ENTERTAINERS, Saturdays 11:05 am-12:30 pm on CBC Stereo; Sundays 1:30-3 pm on CBC Radio + NS: Feb, 6: Interviews with Bob Newhart and Jackie Cooper; a look at the smash off-Broadway musical hit "A Little Shop of Horrors" by Roger Corman; plus a Spot the Voice contest. Feb, 13, A 90-minute special, "Encore [Jacques] Brel", and interview with Giovanna Marini. Feb, 20: Interviews with Gene Autry and Eva Marie Saint; British comedian and actor Roy Hudd, star of Underneath the Arches, talks about Flanagan & Allen. Feb, 27: Interviews with Ray Bolger; Betsy Brantley, the young actress who recently made her debut playing opposite Sean Connery in the film "5 Days One Summer"; film critic Pauline Kael, who some say, can make or break a movie; and Ebert & Siskel, former PBS reviewers.

SUNDAY MATINEE, 2105-2200 GMT in all zones except Mountain, 5:05 pm; and on NS 2105: Feb, 6: "The Third Temptation" by Charles Templeton. Life story of ex-journalist Jimmy Coulter, turned successful evangelist. His life is shot thru with deception, adultery and contradixion and eventually, he loses his faith. Feb, 13: "Inside Straight" by Larry LeClair. When card shark Johnny Romero was young, he fell in love with a beautiful young girl named Margaret Doherty. When he returned from a trip out west, she'd disappeared. Twenty years later, he finds out why. When he runs into Margaret in the small Maritime town where he's setting up a scam, she is bitter and cold. When Johnny finds out Margaret's secret, there is a lot more than money at stake in the big poker game. Feb, 20: "The Concert Stages of Europe" by Jack Hodgins, dramatized from part of his novel The Barclay Family Theatre, the story of the seven Barclay sisters and the bemused men in their lives. The place is Vancouver Island in 1951. Leonora Barclay Desmond, 35, is a farm girl now married to a logger. She once dreamed of a concert career, but now projects this dream onto her son Barclay, whose ambition in life is to be a pianist or a Finn. [aren't you glad you read that all the way to the end?] Feb, 27: "Drift" by Rex Deverell of Regina. A very personal story about a writer who comes to terms with his mother and what he considers to be her marriage to the wrong man.

IDEAS, Wednesdays at 8:05-9 pm on CBC Stereo (FM), during February: "The Cult of the Body"

PREVIEW

IT'S HARD TO BElieve, but Morley Callaghan turns 80 this month (on Feb. 22, to be precise). Even more impressive, he has yet another novel coming out, *According to Philo of Crete* (Macmillan of Canada, fall 1983).



MORLEY CALLAGHAN

Undeniably among the most preeminent of Canadian authors, Callaghan outranks everybody in terms of professional longevity. As chronicled in his famous 1963 memoir, *That Summer in Paris*, he began writing as a contemporary — and crony — of Hemingway and Fitzgerald, both of whom have been gone for decades during which Callaghan has just kept on writing.

Certainly no one in Canadian letters deserves a tribute more than the man whom critic Edmund Wilson once termed "the most unjustly neglected novelist in the English-speaking world." On Feb. 19 and 26, on *Anthology*, CBC Radio is pulling out all the stops to deliver just such a retrospective.

Patrick Watson will do the honours as host and narrator, and will chat with major Canadian and foreign literary figures about their thoughts on Callaghan. The brainchild of longtime *Anthology* producer Robert Weaver, the show looks at the life of the man who, way back in 1931, was hailed by the *New York Times* as the leading short-story writer in the world and who, some 52 years later, is still going strong.

Anthology salutes Morley Callaghan, Radio, Feb. 19 and 26, 10.10 p.m. (11.10 AT, 11.40 NT).

PHOTOGRAPH: NIGEL DICKSON

C H I N A Some features on Radio Beijing, February 1983

1 -- TRAVEL TALK: Scenic attraxions of the Changbai Mtns
2 -- CHINA IN CONSTRUXION: First in a series on the Shenzhen Special Economic Zone
3 -- CULTURE IN CHINA: 1982 film hit "Camel Xiangzi" (with scenes acted out in English and interview with director)
5 -- MUSIC FROM CHINA: Sichuan Folk Song Festival
6 -- LISTENERS' LETTERBOX: Why do you celebrate new year on animals, major celebrations, stamps, new spelling for Chinese cities
11 -- PROFILE: A master cook; THE LAND & THE PEOPLE: Yanbian University, school for training ethnic minority cadres
12 -- MUSIC FROM CHINA: Singers from 20 minority nationalities meet
13 -- CHINA ANTHOLOGY: Silk Roads on the Sea; LISTENERS' LETTERBOX: Chinese wedding customs
15 -- TRAVEL TALK: Watching a horse-fight on Miao Mtn; Spring Festival Celebrated in China
18 -- PROFILE: The famous poet Ai Qing
20 -- LISTENERS' LETTERBOX: Chinese tea varieties and tea-drinking habits, Chinese dishes; CHINA ANTHOLOGY: Paleontology in China
24 -- CULTURE IN CHINA: Prize-winning novel "Lotus Town" and its author Gu Hua
25 -- THE LAND & THE PEOPLE: Lhasa Revisited
26 -- MUSIC FROM CHINA: Noted composer Li Huanzhi on creating new works for traditional instruments
27 -- LETTERBOX: China seafaring? teaching Eng; Gt. Wall

HUNGARY (via Warren Linds, Regina Sask) At last we obtain details of Radio Budapest's 'secret' English broadcasts from a mainly Hungarian language booklet. NAm frequencies are 17710 15220 11910 9835 9585 6000?

Keddi műsoraink angol nyelven. Adásainkat pénteken megismételjük.

(The programmes are beamed in English on Tuesdays and repeated on Fridays.)

PROGRAMME SCHEDULE FOR THE SERIAL

The Origins and Development of the Hungarian People Over Six Thousand Years

(From December 7th 1982 to March 1st, 1983.)

During the winter period of the sixth year of the serial we shall carry on with the method adopted as from the autumn of 1981, that is, we shall repeat revised and updated versions of the most successful instalments of the serial broadcast during the first four years of programming. In addition, brand new programmes will also be transmitted generally twice or three times a month. They will act either as supplements for the programme beamed during the preceding week, or feature present views of past events and great personalities and add some new viewpoints to Hungary's history and cultural heritage from a different angle. Both the updated instalments of the basic four year serial and the new programmes offer something new, interesting, enjoyable and instructive. In the course of programming special attention is being paid to providing for continuity, although each instalment is a complete unit making up a brick to contribute to the building of Hungary's historical and cultural heritage.

The revised and updated instalments present the landmarks and major turning points of Hungary's history, while the new instalments discuss mostly outstanding Hungarian personalities of the past who moulded the nation's history and image or left their mark on an age. It is our endeavour with each programme to offer a window on the world at large in the period considered that is, besides discussing Hungary's history and development comparative history of events and developments is taken advantage of whenever and wherever possible.

Each programme is broadcast five times during the week. The programme is transmitted first every Tuesday at 19.00 Greenwich Mean Time (or 3 p. m. Eastern ~~Standard~~ Time). It is then repeated four times according to the following sequence:

- every Wednesday at 01.30 GMT (or Tuesday, 9.30 p. m. Eastern ~~Standard~~ Time);
- every Friday at 19.00 GMT (or 3 p. m. Eastern ~~Standard~~ Time);
- every Saturday at 01.30 GMT (or Friday, 9.30 p. m. Eastern ~~Standard~~ Time);
- every Monday at 04.00 GMT (or ~~Saturday~~ midnight Eastern ~~Standard~~ Time).

In contrast to the practice adopted in the first four years of programming now the instalments are repeated on Fridays instead of Thursdays. In case you miss one programme or another, or you are prevented from listening to it because of pour reception or propagation conditions, you can try again to receive it when it is repeated later in the week.

Hoping that you will continue to be interested in the updated and revised serial the editors Judit Cservenka for the Hungarian and István Butykay for the English programmes invite you to continue to send in your comments and observations on the serial as a whole and also on the individual instalments. Suggestions are always welcome and appreciated.

For further information and details about the programmes please write to

The Editors of Hungary's History Serial
c/o Szülőföldünk
Magyar Rádió
Budapest
1800

From February 1st to February 7th

The portrait of a personality of the past: István Bibó. The programme is devoted to the outstanding sociologist who died in 1979. His work, especially his epoch-making studies written in the 1940's are reviewed on the basis of an interview made with Bibó in 1976 by the Hungarian Television.

From February 8th to February 14th

The development of the population in the Carpathian Basin over a thousand years. The growth of population between the Magyar Conquest of 896 and the Hungarian Renaissance in the late 15th century. The impact of the 150 years of Turkish domination on the population. Demographic and population policies adopted by Hungary's Habsburg rulers for 400 years. The nationality issue and ethnic implications playing a role in the breaking up of the Austro-Hungarian Monarchy and in the loss of two thirds of the historic kingdom of Hungary under the Trianon Peace Treaty of 1920.

From February 15th to February 21st

The second War of Independence against Habsburg domination between 1703 and 1711. The family, childhood and education of its leader, Prince Ferenc Rákóczi II. The Prince as seen by his contemporaries: writers, politicians, friends and painters. Hungarians inviting Prince Rákóczi to lead the Hungarian uprising against Vienna. His return from Poland and his Manifesto calling upon the nation to join forces against the Habsburgs.

From February 22nd to February 28th

The War of Independence and its two major stages. Rákóczi's military leaders, his armies and their armours. Mixed fortunes on the battlefields. Rákóczi's domestic and foreign policies. Successful and abortive alliances with France's Louis XIV and Peter the Great the Russian Tzar. Repeated peace negotiations with Vienna. The beginnings of the decline.

From March 1st to March 7th

The fall of the Independence War and the peace treaty concluded after the surrender. Prince Rákóczi and his followers in exile. The reception given by the Londoners to the Hungarian leader and his party. Four years of exile in France followed by life-long exile in Turkey. Prince Rákóczi's Memoirs and Confessions written in Latin. A never-posted letter written by Kelemen Mikes, the Prince's private secretary.

ISRAEL (gh) Clipping in Jan. RIB p. 13 was apparently a bit premature: another AP story in the Nov. 23 Lansdale PA Reporter, via John C Schmid, ASWLC, says Israel radio keeps ban on Strauss. The IBA Board of Governors voted Monday to reject a recommendation by the radio's music committee to abolish the ban. "The board felt that Strauss collaborated with the Nazis and there was no need to lift the ban. It felt that while survivors of the Holocaust are still with us, we must consider their feelings." In 1933, Strauss was appointed by the Nazis to head the German Musicians' Association.

L E B A N O N (Unclassified US Navy message Dec. 27 via Mike Hardester) Multinational peacekeeping force in Beirut may feel a little closer to home now--thanks to radio. On portable radios provided by the US Navy, they now can listen to the same news, information and entertainment programs offered to other American personnel overseas by AFRTS. The radio programs will reach them from the first truly mobile land-based AFRTS station. Six navy broadcasters are manning the portable FM radio station. Built in a converted battlefield shelter for electronic equipment, the station's range is about 15 miles. It is located near the major marine billeting area in Beirut and will broadcast locally produced news and information programming, music and shortwave broadcasts from AFRTS. It will not interfere with local radio stations and has the support of the Lebanese.

L I B E R I A (Richard E Wood, Abha, Sa'udi Arabia) My congratulations to ELWA, Monrovia, on the frankest, most honest newscast I have yet to hear on a Black African station. The English news at 2115-2120 on Dec. 31, 11870 kHz, dealt chiefly with corruption and described complaints by citizens of various Liberian counties against corrupt chiefs and officials; the removal from office and jailing for 18 months of one paramount chief, followed by his reinstatement when he was cleared of charges; finally, the statistics for live births at various hospitals in Liberia during 1982, with ups and downs including a fall in the number of births at ELWA's own hospital. Of course, corruption is found everywhere in the world, but it is known to be endemic in West Africa, and here was one newscast which faced that fact. My only reservation about the newscast is that it was in Liberian English and might not have been understood by the audience to which it was directed (addresses in Nigeria, Ghana and Ivory Coast were announced). Contained several references which might have been opaque, e.g. "C-I-C Samuel Doe" for "Commander in Chief".

(Kenneth Clark, Knoxville TN) Each New Year's Eve, I try to listen in especially on the "local" SW stations like GBS Guyana, R. Belize, etc. for the lowdown on how NY is being celebrated at these locations. Well, to my big surprise, ELBS, Liberian Broadcasting System, was putting in a moderately listenable signal on 3255 kHz beginning at 0614. The announcers were going about in a jovial mood, giving numerous New Year's greetings and wishes to, it seemed, every government official in Liberia. Especially praised was the Defense Minister - I wonder why? This type of chattering carried on until 0700, interspersed with some old favorite Xmas tunes and some rambling from one of the announcers on how he wished for some sanity to take hold in this world of ours. Propagation conditions did not allow me to record with clarity what this impassioned OM was saying, but this was the gist of it.

Reception did improve at 0700 for some scintillating news items from Liberia. that was well-received here, as news from and about Liberia is rather hard to come by. I finally gave up on ELBS 15 minutes later; the reception was really starting to deteriorate now. Nothing of grave importance was said here, but the fact that I was listening to a transmission intended for Liberians made me quite content. I enjoy immensely such "local" SW stations as they leave the listener with a better impression on how that country is going about life. Plus, the announcers talk with local accents, something you can't find on DW's North American service.

R O M A N I A (gh) Thanks to Kraig W Krist for the R. Bucharest program schedule at right. Accompanying frequencies are in DXLD. We hesitate to reprint something so messy, but if it's good enough for Bucharest....

FOR EUROPE
Daily at 1o:45 GMT except Sunday:News,Information
Daily at 13:oo GMT: Commentary,Sports,Music
Daily at 2o.3e GMT: Tourism and Music - 397 m

FOR NORTH AMERICA AND EUROPE
Daily at 19.3o GMT & 21.oo EST: Commentary;Newsree

MONDAY at:
19:3o GMT & 21:oo EST: Youth Club, DX Programme
21.oo GMT & 23.oo EST: Pages of History

TUESDAY at:
19:3o GMT & 21:oo EST: Tourist News, Favourite Tunes
21.oo GMT & 23.oo EST: Romania Today and Tomorrow

WEDNESDAY at:
19.3o GMT & 21.oo EST: Romanian Musicians,Let's Talk It Over, DX Mailbag
21.oo GMT & 23.oo EST: Focus on Topical Questions/ Glimpses of Everyday Life

THURSDAY at:
19.3o GMT & 21.oo EST: Friendship and Cooperation The Skylark, Sports Magazine
21.oo GMT & 23.oo EST: Commentary, Listeners Letterbo

FRIDAY at:
19:3o GMT & 21:oo EST: Youth Club, DX Programme
21.oo GMT & 23.oo EST: Science Magazine/Romania and the World Economy

SATURDAY at:
19:3o GMT & 21:oo EST: Cultural Survey
21.oo GMT & 23.oo EST: Tourist News

SUNDAY at:
19:3o GMT & 21:oo EST: Sunday Studio
21.oo GMT & 23.oo EST: 7 Day Panorama

FOR THE PACIFIC AREA
Monday: 7 Day Panorama
Tuesday: Pages of History
Wednesday: Romania Today and Tomorrow
Thursday: Focus on Topical Questions/ Glimpses of Everyday Life
Friday: Listeners' Letterbox
Saturday: Science Magazine/ Romania and the World Economy; Romanian Folkmusic
Sunday: Tourist News/The Week

FOR ASIA:
Monday: Pages of History
Tuesday: Romania Today and Tomorrow
Wednesday: Focus on Topical Questions/ Glimpses of Everyday Life
Thursday: Listeners' Letterbox
Friday: Answering Listeners' Questions/Youth-club
Saturday: Week-end Magazine/ Cultural-Artistic Note-Book
Sunday: 7 Day Panorama

FOR AFRICA: at 05.30 GMT
Monday: 7 Day Panorama
Tuesday: Commentary, Homenews, Folkmusic
Wednesday: Commentary, Homenews, Folkmusic
Thursday: Commentary, Homenews, Folkmusic
Friday: Commentary, Homenews, Folkmusic
Saturday: Romania - Africa
Sunday: The Week

FOR AFRICA: at 17.30
Monday: Pages of History
Tuesday: Romania Today and Tomorrow
Wednesday: Focus on Topical Questions/ Glimpses of Everyday Life
Thursday: Listeners' Letterbox
Friday: Youth Club
Saturday: The Week, Be Our Guests
Sunday: 7 Day Panorama

U S A (Gregory Baker, Richmond Hill NY, Dec. 21) I have been doing a radio program, WHAT THE WORLD SAYS, on WBAI Radio in New York, 99.5 FM, on Wednesday at 6:40 to 6:50 a.m. The program is more of a news summary than DX news, but I mention what I can about DX.

(gh) The comment from Pascoe in Jan RIB about WRNO was a bit outdated; the following may be less so:

(John Pascoe, Arlington WA) WRNO is now simulcasting with WRNO-FM (Nov. 5, 0330-0500 s/off, Nov 6 at 0100) There is no deletion of local commercials and they seem to be simulcasting a significant portion of the time, if not all of it. At the top of the hour they ID as FM-100 and Worldwide. I view this as a positive development for the single fact that the music is not as repetitious. Hopefully they will also simulcast when FM-100 carries such syndicated programs as THE CONTINUOUS HISTORY OF ROCK AND ROLL and AMERICAN TOP 40. But we lose network news and specifically shortwave ads.

(Radio & Records, Jan. 7, via Bob Shrader, Austin TX)

U S S R (via Kraig W Krist, Falls Church VA)

RADIO TASHKENT DAILY BROADCASTS
FOR LISTENERS ABROAD
IN ENGLISH

WINTER SCHEDULE-1982 METRE BANDS

12.00 - 12.30
14.00 - 14.30 GMT 25 - 31 - 50

Frequencies
11785 - 9600 - 9540 - 5985 - 5945 kc/s

MAIN WEEKLY PROGRAMMES	GMT
Youth Programme - TUE	12.00
'On the Asian Continent' - TUE	14.00
'Life in the Village' - WED	12.00
Musical Programme THU-12.00-SUN	14.00
Mail Bag - SAT	12.00
Salom Aleikum Listeners' Club Programme-last Sunday-	12.00
and repeated next Saturday-	14.00
DX-Club - every 2nd Sunday-	12.00
and repeated next Saturday-	14.00
Muslims of the Soviet East- FRI	14.00
Repeated - MON	12.00
Philately Page-every 1st Sunday	12.00

If you are interested in the life, customs and traditions of Soviet Uzbekistan and the other Central Asian Republics tune in to Radio Tashkent.

Please write to: Radio Tashkent, 49 Khorezm Street, Tashkent, USSR

U N I T E D A R A B E M I R A T E S
(via David Alpert, New York)

VARIETY

'The Voice Of Abu Dhabi'

Abu Dhabi, Dec. 28.

The United Arab Emirates are setting up two 24-hour radio stations, one to cover the Middle East and the other broadcasting worldwide. Brown, Boveri & Co. of Switzerland has the contract to build the stations and accompanying studios. The $70,000,000 contract was awarded recently.

The Middle East station will transmit on medium wave (AM) and will have two 1,000-kw transmitters. The worldwide station will broadcast on shortwave and will have four transmitters. Both will be based in Abu Dhabi, as will five production and transmission studios.

When completed in 28 months the stations will transmit on 10 frequencies.

U K O G B A N I (gh) A late-January starter on BBCWS :

Latin '83

Latin music today encompasses the sounds and rhythms of the Caribbean, Central America, Brazil and South America as well as Mexico, California and Spain. Over the last decade the music has become more integrated with western jazz and folk styles and each week BBC World Service shows the wide range of popularity that modern Latin music enjoys.

Latin '83 is presented for the World Service by **Juan Martin.** Juan is himself one of the world's top flamenco guitarists and has released many albums of flamenco music and given concerts throughout the world. He has also taken the music of Southern Spain and fused it with the sounds and influences of Latin jazz and rock. He has played with such talents as Jaco Pastorius, Al Di Meola and Joe Zawinul and his recent L.P. *Picasso Portraits* was a true fusion of modern Latin music. He is therefore uniquely qualified to show the development, spread and rhythm of Latin in 1983.

From 29th Sats 0815 rep Mons 0530. Tues 2315

Cuban Task Force Urges Talks, Power War

The FCC and State Department were urged this week to start a "power war" aimed at bringing Cuba to the negotiating table to resolve AM interference problems. The advice came in an "Option Paper" submitted by the All-Industry Cuban Interference Task Force headed by Jefferson Pilot Sr. VP/Radio Cullie Tarleton.

Calling negotiations the only longterm solution, the panel put forth options that include bilateral or regional talks involving Cuba, or discussions conducted through a third country or an international organization. The group also advocated government compensation for any AM station harmed by Cuban interference.

To show Cuba that the U.S. means business, the industry task force called for eliminating all protection of Cuban stations and allowing American AM's to "increase radiation toward Cuba with no maximum power limit" so long as U.S. outlets and stations in other countries don't suffer.

In other tough proposals, the task force said the U.S. should consider withdrawing from the **International Telecommunications Union (ITU)** and think about refusing to ratify the Region 2 AM agreement hammered out a year ago in Rio de Janeiro.

FEATURES

THESE SEVEN PAGES :: BBC WS IN FEBRUARY

Life-savers

Recollections of a Professional Traveller

Four talks in which journalist and travel writer **Kenneth Matthews** looks back at the time he has spent in Greece.

Greek Islands: "Ithaca, Skiathos, Lesbos... If, like St. John the Evangelist, I were banished by some tyrant, I should do as he did and make for a Greek island." *Jan. 31st*

Vulcan and the King of Crete: "The Greek island of Santorini has been the scene of one of the great archaeological romances of this generation. It was also the scene of a personal failure which haunts me to this day." *Feb. 7th*

On re-reading the Greek Testament: "It brings me closer to the events to read words I can still hear today in the fields and streets of Greece." *14th*

Two Ladies of Athens: "Katy Law and Sophie, Duchess of Plaisance, were two richly eccentric ladies whose stories cried out to be unravelled and told." *21st*

Mons (until 21st) 0315 rep 1415, Thurs 1015, Fris 2145

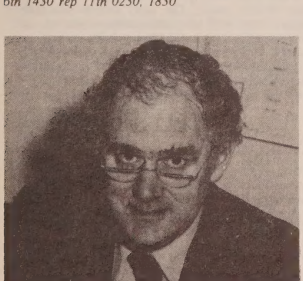
The Jesuits

One of the most powerful bodies of the Roman Catholic Church, the Society of Jesus, founded in the mid-16th century, still exerts an important influence in areas of religious thought and conduct.

Since its beginnings, its members, commonly known as Jesuits, have been associated with the pursuit of intellectual excellence, strict and effective internal organisation, education work at home and abroad, and from time to time, heated controversy.

This programme traces the development of the Society of Jesus, focusing on its most significant achievements and on some of the reasons for the power and influence it has enjoyed up to the present day.

6th 1430 rep 11th 0230, 1830



Gerald Priestland was a BBC foreign correspondent from 1954-1969, first in Paris, then India and Pakistan, Washington and the Middle East.

Priestland's Progress

In the footsteps of John Bunyan's character Pilgrim, **Gerald Priestland,** formerly the BBC's Religious Affairs Correspondent, embarks this month on an eight-part pilgrimage through the landmarks of the Christian faith. Over the weeks he explores the nature of Christianity and traces its claims and teachings.

"I'm a journalist with no theological training at all," he says, "but I have many questions to ask and I will be putting those questions to theologians and the faithful – and discovering what their faith means to them."

The first four stages of his pilgrimage are entitled: **How can the Church claim to know God?** *7th;* **God's continuing partnership with mankind** *14th;* **The Church's obsession with sin and guilt** *21st;* **Is Jesus the** *only* **way, truth and life?** *28th.*

Mons 1130 rep Tues (ex 1st) 0030, 1615, Fris (ex 4th) 2030

Disaster Centre

"When I hit the water it was so cold I thought I was going to die". In fact that 17-year-old seafarer on his second voyage survived for a miraculous six hours after the sinking of his coaster in freezing November seas 80 miles off the Scilly Isles.

His rescue, and that of five other members of the crew, was co-ordinated by coastguards who keep watch at stations all round the wind-swept British coastline 24 hours a day. A network of special aerials, listening for distress signals at sea, can deliver a Mayday distress call from a ship into the headphones of a coastguard on watch at the very moment a ship realizes it is in serious trouble.

Coastguards can within minutes set in action a full-scale rescue which could involve long-range reconnaissance aircraft, helicopters, lifeboats and ships of many flags.

This feature tells the story of coastguards at Falmouth on the Cornish coast (south west England) who have a special responsibility for search and rescue over thousands of square miles of the North Atlantic.

On a visit to the newly-opened Maritime Rescue Co-ordination Centre, Malcolm Billings hears how signals from the INMARSAT satellite communications system are received and how satellites, with their ability to listen for distress signals, pinpoint the position of the ship and communicate the information to earth, are playing an increasingly important role in maritime search and rescue in the remotest parts of the great oceans.

27th 1430 rep March 4th 0230, 1830

My Word!

A new series of the word game played by people whose business is words returns to BBC World Service this month.

The series has retained its popularity ever since it was devised by Tony Shryane and the late Edward J. Mason more than 25 years ago. Among its most popular features are the fantastic stories told by Frank Muir and Denis Norden at the end of each programme to illustrate a particular quotation. In this series, Frank Muir is partnered by Dilys Powell and Denis Norden by Antonia Fraser. The chairman is John Julius Norwich and the questions he puts to the team are compiled by Peter Moore.

Sats (from 26th) 1030 rep Suns 0330, Mons 1715

Two Cheers for January

A none-too-serious review of the world political scene in January seen through the eyes of the team which brought *Two Cheers for 1982* to BBC World Service listeners last month and which provides a satirical survey of the week's main happenings for listeners to the BBC domestic service, Radio 4.

2nd 0830 rep 1430, 3rd 0045, 1030

Frank Muir Goes Into...

Frank Muir, aided and abetted by Alfred Marks, continues his investigation of the humorous side to a variety of different subjects. This month he surveys: **Cookery** *9th;* **Childcare** *16th;* and **Biography** *23rd.*

Weds 0830 rep 1430, Thurs 0045, 1030

Just a Minute

Another chance to join the 'regulars' including **Kenneth Williams, Peter Jones** and **Derek Nimmo** and **Clement Freud** plus their star guest panellist as they attempt to speak on a given theme for just a minute without deviation, hesitation or repetition. Chairman is **Nicholas Parsons.**

Sats (to 19th) 1030 rep Suns 0330, Mons 0730 (7th, 14th only) 1715

Pepys — what sort of man was he?

Pepys: Diarist and Man of Action

In the early 1820s, a young Cambridge undergraduate was given the task of deciphering a bundle of dusty manuscripts that had lain on the shelves of Magdalene College library for 120 years. They were written in a strange shorthand and it took three years work to crack the cypher. They were the diaries of Samuel Pepys, the most detailed and possibly the most famous diaries ever written.

Pepys had the craft of a novelist and the merciless self-examination of the Puritan tradition in which he was brought up, and his diaries span some of England's most tumultuous years.

In this programme commemorating the 350th anniversary of his birth, Zina Rohan looks at the work of the diarist, at the career of the man who survived imprisonment in the Tower of London to become Secretary to the Admiralty, and to whom the Royal Navy virtually owes its existence. And, she asks, what sort of man was Samuel Pepys?

20th 1430 rep 25th 0230, 1830

Assignment

A report on Lebanon is featured this month in the regular BBC World Service documentary series.

After years of civil strife, the country was invaded last year by the Israelis whose objective was to expel the Palestine Liberation Organization. Months of fighting ensued, most of the Palestinians left, large areas of Beirut were destroyed, and there was the massacre of Palestinians in the refugee camps at Chatila and Sabra.

John Marshall reports on the problems facing President Gemayel and his government, and the international community, in once more unifying and rebuilding Lebanon.

Weds 2030 rep Thurs 0230, 1130, 1615

Short Stories

Toto, the One who Sleeps is by A.C. Joubert who lives in Zimbabwe. Soon after the Boer War, 600 Zulus in Natal returned from the Drakensberg Mountains to their homeland on the banks of the Tugela river. In an ox-bow lake lives a crocodile, their protector ever since it had received the first human sacrifice *6th*

The Way to Molton Street is by Harvey Dodd who lives in Manchester, U.S.A. During a snowstorm a man finds himself lost and the normal eight-block walk becomes a nightmare *13th*

Longing is by Anamika who lives in New Delhi, India. It's the story of a young Indian girl on the eve of her wedding. The marriage has been arranged by her parents and she hasn't seen her prospective husband. All around her is the excitement of the preparations; within her is fear *20th.*

The Miscalculation of Dada Kalabule is by Henry Romberg, who lives in Switzerland. The story is set in Ghana where the financial burden of a civil servant's extended family forces him into the clutches of a money-lender *27th*

Suns 1330 rep Mons 2115, Thurs 0145, 0815

ENTERTAINMENT

The art of Rubens

A detail from *Samson and Delilah* **by Rubens. The work is discussed in** *Meridian.*

Meridian

London's National Gallery is currently presenting an exhibition which consists of only one painting, by the 17th century Flemish artist Peter Paul Rubens.

The work, *Samson and Delilah,* illustrates the biblical story of the strong man seduced by Delilah into revealing that the secret of his strength lies in his long, uncut hair. Rubens painted the picture, which has been recently cleaned and reframed, after returning from a visit to Rome and it is rich in Italian associations – the superbly muscled back and arm of Samson, for example, reflect the influence of Michelangelo.

But Rubens' own style is seen in this monumental composition with the profound characterisation of Delilah, whose face and gestures convey both triumph and pity. The rich application of paint and the unashamed eroticism are typical of Rubens' own quite individual work.

The art of Rubens and *Samson and Delilah* in particular are discussed in a special edition of BBC World Service's arts programme.
24th 1709 rep 2330, 25th 1130

Tom Jones

by Henry Fielding

BBC World Service concludes its serialisation of Henry Fielding's classic, featuring the amorous adventures of its picaresque hero, Tom Jones. With **Anton Lesser** as Tom Jones, **Kathryn Hurlbutt** as Sophia Western, **Clifford Rose** as Squire Allworthy, **Peter Jeffrey** as Squire Western and **Martin Jarvis** as Henry Fielding. The adaptation for radio is by Hallam Tennyson; direction by Martin Jenkins.
1st, 8th, 1430 rep 2045; 2nd, 9th 0230, 1000

Dances of the World

Dance critic Noël Goodwin traces the character and history of a different dance form as deployed by the great composers in their compositions. This month he anatomises the **Minuet** *2nd;* the **Jota** *9th;* the **Pavane** *16th;* and the **Polka** *23rd.*
Weds 0530 rep Fris 0215, 0815

A Small Town in Germany

BBC World Service concludes its serialisation of this spy fiction classic, set in West Germany in the near future.

Alan Turner, sent to the British Embassy in Bonn to investigate the disappearance of junior diplomat Leo Harting – and a particularly sensitive file – has found that his questions upset some of the staff – Jenny Pargitter, for instance, whose initials appear in Harting's diary, Arthur Meadows, whose daughter he once had to interrogate in Warsaw, and Rawley Bradfield, Head of Chancery, who clearly resents his presence.

Outside the embassy he is shadowed by men in leather jackets, obviously connected with the right-wing National Unity movement. He wants to search Harting's bungalow, but it will be difficult.

Starring **Kenneth Haigh** as Alan Turner, **Bernard Hepton** as Rawley Bradfield and **David McAlister** as Peter de Lisle.

Serialisation by René Basilico; direction by John Fawcett Wilson.
Sats 1330 rep Thurs 1830, Fris 0830, 2330

The Fred Woods Collection

Fred Woods continues his exploration of one particular aspect of everyday life through popular and traditional folk songs. His themes this month are: **Water** *5th;* **Fish** *12th;* **Loss** *19th;* and **Plants and Flowers** *26th.*
Sats 0145 rep Suns 0430, Tues 0730, 1945

The Belton Estate

by Anthony Trollope

Richard Leech concludes his readings from the Trollope classic, set in the English West Country and centred around the lives of the Amedroz family, Will Belton and Captain Frederic Aylmer.
Mons 7ths and 14th 0430 rep Tues (ex 22nd) 0815, Weds (ex 23rd) 2315

Book, Music and Lyrics

Robert Cushman continues his survey of the musical – the composers and the lyric writers – supplementing his words with a generous sampling of music from the shows.

Early Gershwin, Stephen Sondheim and Johnny Mercer: Robert Cushman looks at the early years of George Gershwin and considers the work of Stephen Sondheim, thought by many to be the dominant lyricist in the theatre today. His first show *West Side Story* opened on Broadway to great acclaim in 1957 with a score by Leonard Bernstein. The third subject for scrutiny is the American song-writer Johnny Mercer – "the only Southerner in a predominantly New York, Jewish profession." *5th*

Betty Comden and Adolph Green: "A remarkable team, if only because they've been writing together uninterruptedly for forty years." They wrote their first musical in 1944 – *On The Town* – and with music by Leonard Bernstein it was a smash hit. Their collaborator in **On The Twentieth Century** which opened on Broadway in 1978 was the composer Cy Coleman; like Comden and Green, Coleman has specialised in playful, sophisticated, driving musicals, musicals in fact with the spirit and often the setting of New York. *12th*

Shows About Plays: "The most ingenious libretto ever written for a musical is *A Funny Thing Happened On The Way To The Forum* which Burt Shevelove and Larry Gelbart adapted from the works of the Roman comic playwright Plautus and with a score by Stephen Sondheim, it was a hit.

My Fair Lady, based on Shaw's *Pygmalion* was by librettist and lyricist Alan Jay Lerner and composer Frederick Loewe; and one of their songs handed Red Harrison the funniest and most touching soliloquy ever offered the leading man of a musical – **"I've Grown Accustomed To Her Face."** *19th*

Love Life, with lyrics by Alan Jay Lerner and Kurt Weill's music. The story covers American history from 1791 to what was then, in 1948, the present; and through this 150 years move a married couple, Samuel and Susan Cooper. Kurt Weill's widow, Lotte Lenya sings *Green-Up Time* – one of the songs from this remarkable show *26th.*
Sat 2030 rep Mons 0100, Fris 1330

Good Books

Each week a guest reviewer discusses a book of special interest from the treasury of classics or contemporary best-sellers.

This month's titles include: **The Sun Also Rises** – Ernest Hemingway's first best-seller. It deals with a group of expatriates in France and Spain after the First World War and the disillusionment of what is called "the lost generation".

The Antiquary by the great 19th century novelist Sir Walter Scott is a swashbuckling tale of romance and adventure set in 18th century Scotland.

"A classic adventure in eavesdropping across time" is how one critic has described **Montaillou** by Emmanuel Le Roy Ladurie. This portrait of a medieval village in France has become a best-seller.

New Grub Street by George Gissing, published in 1896, is a grim, realistic novel about the literary world. An author struggles to earn a living without compromising the standards of his art. In contrast is his friend, a critic, whose lack of integrity reaps great success.
Sats 2015 rep Suns 1315, Mons 0215, 0925

Staying On

by Paul Scott

Garard Green continues reading from this award-winning novel which tells of the last few weeks in the life of a retired Indian Army colonel who, with his wife, Lucy, elected to 'stay on' after Independence.
Sats 2115 rep Mons 0145, 1015

DRAMA

Russian classic

Ann Veronica

by H.G. Wells

The story is set in London, in 1910. Ann Veronica is 21 years old. Actually, she's 21½ – she's most particular about the half. She lives in a respectable suburb with her widowed father and her aunt Mollie. She has more freedom than most girls had in those days – she is at college studying medicine, and her father even allows her to ride a bicycle. But that isn't enough for Ann Veronica; now that she's experienced the freedom of college life she flatly refuses to conform to the traditional woman's role in English society – staying at home until a suitable young man comes along to marry her.

The trouble begins when Ann Veronica's father forbids her to go to a fancy-dress party in London...

This six-part dramatisation is by Barry Campbell. Directed by Brian Miller.

Ann Veronica..... **Angela Pleasance**
Mr. Stanley..... **John Gabriel**

From 22nd 1430 rep 2045, 23rd 0230, 1000

Twenty-six Men and a Girl

by Maxim Gorki
translated by Ronald Wilks

On the first floor of our building was a gold-embroidery workshop. Among the numerous girls who worked there was a 16-year-old housemaid called Tanya. Every morning her little pink face and cheerful blue eyes would press against the window that had been cut into the bakery door and a ringing, friendly voice would call out 'Jailbirds. Give me some pretzels!'

The reader is Joe Melia.

15th 1430 rep 2045, 16th 0230, 1000

Death in Spring

by H.E. Bates

"You can look straight across at the foxes from here. It's a clear view if they come. But I doubt if they will – wrong wind. They're getting older too."

The young man and woman, walking through the wood to watch the fox-clubs, bring back memories of the past to an old, dying man.

The reader is Garard Green.

21st 0430 rep 22nd 0815, 23rd 2315

Joe Johnson

by H.E. Bates

John Hollis tells the story of Joe Johnson, a greengrocer whose downfall is brought about by the pretty girl who passes his shop each day.

28th 0430 rep March 1st 0815, 2nd 2315

Tolstoy amid the rural surroundings in which he spent his later life. He rejected the material success brought by *Anna Karenina* and *War and Peace*.

PLAY OF THE WEEK

Anna Karenina

by Leo Tolstoy

BBC World Service presents a dramatisation, in two parts, of one of the great classics of 19th century Russia, in which the conflicts of individual lives are played out against the background of pre-Revolutionary society.

Part 1: A tragic incident at a Moscow railway station makes a lasting impression on Anna. It is also there that she meets Count Vronsky, to whom she is irresistibly drawn.

Part 2: Anna's husband Karenin has received a telegram from her begging his forgiveness as she lies in labour with Vronky's child...

Starring **Sarah Badel, Anthony Newlands** and **John Rowe.** Dramatisation for radio is by Liane Aukin, based on the translation by Rosemary Edmonds. Director: Kay Patrick.

Part 1: 5th 1830 rep 6th 0030, 1130
Part 2: 12th 1830 rep 13th 0030, 1130

Two Small Bodies

by Neal Bell

Lieutenant Brann is a hard-nosed American cop. Nothing surprises him, nothing disturbs him – except child-murderers. When he goes to see Eileen, a mother whose two children have disappeared, he finds a blowzy and irresponsible night-club hostess. But their mutual aggression, revulsion and self-doubt are mixed with sexual attraction, giving rise to a strangely compulsive relationship.

Peter Marinker stars as Brann and **Sandra Dickinson** as Eileen. The director is Derek Hoddinott.

19th 1830 rep 20th 0030, 1130

Scenes from Family Life

by Barry Bermange

A middle-class English couple wait for their dinner guests to arrive. True, one of them is Walter, Marie's first husband, but even so, there's no reason for Eric, her second, to be too worried, is there?

The author of such highly original radio plays as *No Exit, The Mortification* and *Nathun and Tabileth* turns his attention to the institution of marriage. What happens when people fall out of love and find a new partner? Is the past completely forgotten?

This witty and unusual comedy stars **Kenneth Cranham** and **Annabel Leventon** as the 'happy' couple, and **Peter Jeffrey** as the former husband who comes to visit them. The director is Dickon Reed.

26th 1830 rep 27th 0030, 1130

RADIO THEATRE

The Outcast

by Dorothy Gharbaoui

Bankruptcy! The very word strikes a chill into the bones. But what is it really like to lose control of your livelihood, to have no control of your assets, to be dependent on others, including people you may feel you have betrayed?

When Richard **(Denys Hawthorne)** finds himself declared bankrupt, he needs help desperately, but will it come from his wife, **(Kate Flynn),** or from Sue, his lawyer, **(Maggie Shevlin)**?

This searing play by one of Northern Ireland's leading radio writers has been specially adapted for BBC World Service by the author. It was produced in Ulster, with an all-Irish cast, and directed by Robert Cooper.

6th 1915 rep 9th 1330, 11th 0030

Conducted Tour

by Pavel Landovsky

The scene is present-day Czechoslovakia. Hevrle, imprisoned under Article 98 – subversion of the Republic – is being transferred for interrogation.

But although he has little hope of release, Hevrle is a survivor. He has the regulations taped. And he also knows just how far to provoke his guards, Fidler and Novak of State Security.

With **Andrew Sachs** as Hevrle, **Sean Arnold** as Fidler and **Anthony Jackson** as Novak. Translated by Ewald Osers; directed by Glyn Dearman.

13th 1915 rep 16th 1330, 18th 0030.

Hong Kong Fever

by Pamela Breese

Hong Kong Fever, the first radio play by a new author, is a fast-moving thriller, set in the British colony of Hong Kong. Chris Jones is a music examiner, and is making his second trip to the territory. But there is an underlying strangeness about this visit – a fear that affects his relationships with the people he meets, and finally challenges his very sanity, leading to a terrifying climax. Directed by Derek Hoddinott.

20th 1915 rep 23rd 1330, 25th 0030

Marriages

by Henry James

Adela is horrified at the thought that her father might marry Mrs. Churchley so soon after their mother's death. She is determined to prevent the marriage, but her idea of duty brings unexpected results.

Adela is played by **Petra Markham,** Godfrey by **David McAlister,** Colonel Chart by **Gabriel Woolf** and Mrs Churchley by **Margaret Courtenay.**

Adaptation by Hallam Tennyson; direction by David Spenser.

27th 1915 rep March 2nd 1330, 4th 0030

MUSIC

Inspiration from Africa

David Fanshawe, whose *African Sanctus* **is featured in** *Talking about Music.*

Lassus — the Prince of Music

The magnificent procession planned by the Munich court for the Feast of Corpus Christi in 1584 seemed doomed to failure when it began to pour with rain. But the moment the choir began to sing a motet by Orlandus Lassus, the deluge stopped and the sun shone. From then on, Lassus was always known as "the divine Orlando". He was also something of a prodigy, being appointed master of music at the principal church in Rome before he was 21. He was far the most popular composer of his time and his music was heard throughout Europe. Yet today his music is comparatively rarely heard in spite of the recent widespread revival of interest in early music.

In this series, Clive Wearing, who has been performing and conducting the music of Lassus for many years, presents a selection of the finest of the composer's varied output, from masses to drinking songs.

This month's programmes are entitled: **A Prodigious Talent** *6th:* **A Tenor at the Munich Court** *13th:* **A Day at the Munich Court — from Sunrise to Siesta** *20th:* and **A Day at the Munich Court — Siesta to Compline** *27th.*
Suns 0530 rep Tues (ex 1st) 0145, Weds (ex 2nd) 1945

Lord Harewood's Musical Musings

Lord Harewood, a cousin of Queen Elizabeth, is managing director of the English National Opera at the London Coliseum. He continues readings from his memoirs — *The Tongs and the Bones* — published last year. The book reflects a life-long fascination with opera, recounting some of the incidents and personalities both in front and behind the proscenium stage.
Suns 0215 rep 2100, Mons 0545, Tues 1015

Voices to Remember

Opera writer and gramophile John Steane spotlights singers who reached the peak of their careers during the 1950s and 60s. This month's artists are: the Swedish tenor **Nicolai Gedda** *1st:* The much-loved English contralto **Kathleen Ferrier** *8th;* the Bulgarian bass **Boris Christoff** *15th;* and the German soprano **Elisabeth Schwarzkopf** *22nd*
Tues 0430 rep 2030, Fris 0730

Musician at Large

Steve Race continues his survey of almost half a century as pianist, arranger, bandleader, composer, broadcaster, journalist — and listener. As usual, his choice of music is distinctly catholic, ranging from a 13th century canon to a late 19th century operatic aria; from the music of Delius to that of Dave Brubeck and Louis Armstrong; from the gently satirical art of the late Joyce Grenfell to hit songs from recent musicals.
Mons 1615 rep 2130, Weds 1030

Concert Hall

Sullivan: Overture, The Pirates of Penzance. The Royal Philharmonic Orchestra, conducted by Isadore Godfrey. **Stanford:** Clarinet Concerto in A minor. Thea King (clarinet) with The Philharmonia Orchestra, conducted by Alun Francis. **Parry:** Blest Pair of Sirens. The London Philharmonic Choir and Orchestra, conducted by Sir Adrian Boult *6th 1515*

Bach: Suite No. 4 in D. **Wagner:** Siegfried Idyll. Academy of St Martin-in-the-Fields, conductor, Neville Marriner *13th 1515*

Purcell: Music for Acts 2 and 4, The Fairy Queen. The Deller Consort and the Stour Music Chorus and Orchestra, conductor, Alfred Deller *20th 1515*

The Bayreuth Story

The foundation of the Bayreuth Festival at a little town in Bavaria remains one of the most remarkable achievements ever accomplished by a great musician.

It was in the 1850s that Wagner had the vision of a theatre dedicated to the performance of his music dramas — one where his ideal of the perfect fusion of music, drama and scene-painting could be attained regardless of cost. But at the time it seemed the remotest of dreams. He himself was in financial straits, living in exile in Switzerland, unable to return to Germany because of his revolutionary past.

From this plight he was rescued by King Ludwig of Bavaria, a patron of the utmost generosity, who promoted Wagner's works at the Munich Opera House during the 1860s and eventually helped him realise his great ambition of a Festival Theatre. The first Bayreuth Festival was held in 1876 in the teeth of an economic recession. Artistically it was a triumph, financially a disaster. Not until six years later could the experiment be repeated; and it was some time after that before it became the annual event that it is today.

In this feature, broadcast on the 100th anniversary of Wagner's death, a British authority on the composer, Geoffrey Skelton, traces the Bayreuth story to this point in its evolution.
13th 1430 rep 18th 0230, 1830.

Brahms' Chamber Music

"— Sonatas, or rather veiled symphonies... individual piano pieces partly of a demoniacal nature but all of the most agreeable form, sonatas for violin, and string quartets — each so distinguished from the others that they seemed to issue from different sources."

These were the words used by fellow composer Schumann in a famous article hailing the wide-ranging genius of the young Brahms.

In celebration of the 150th anniversary of Brahms' birth BBC World Service begins a series of nine 30-minute programmes of his chamber music from which listeners may perceive, that Schumann was not exaggerating.
Mons 1830 rep Tues 1215, Weds 0630

Arranged for the Piano

Jeremy Siepmann presents piano transcriptions of well-known compositions. This month: **Follow the Lieder** — a programme of song transcriptions *5th:* **Face Lifts or Ashes to Ashes** — items that began life as piano pieces *12th:* **Mirror, mirror:** in which composers re-arrange themselves *19th:* and **Two for Tea** — an anthology of duets *26th.*
Sats 0330 rep 1430 (ex 5th, 19th), Tues 0830, Fris 0630

Talking about Music

The series in which Antony Hopkins, conductor, composer and author of books on music selects a musical work, outlining his thoughts at the piano and illustrating them with records. This month he talks about: **Mass No 5 in A flat by Schubert** *6th:* **Beethoven's Violin Concerto** *13th:* **Symphony No 2 in D by Sibelius** *20th:* and a work by the contemporary British musicologist and composer **David Fanshawe** which incorporates the rhythms and sounds of Africa, **African Sanctus** *27th.*
Suns 2330 rep Mons 0630, 1345, Thurs 0945

Jazz for the Asking

The jazz record request programme returns to the BBC World Service airwaves for another series. And back to present the show is the regular host, Peter Clayton, who writes:

"A break in the continuity of the programme has given me a chance to think of the things there are not time for during transmission itself. One is to thank all those listeners whose interest and enthusiasm prompt them to write to us. Another is to point out, as gently as I can, that although we push the boundaries of jazz as far as they will go, there are limits and some requests lie beyond them. Finally, I would like to get your names right. It would be a great kindness to a pair of willing but uninformed English eyes if you would write them as clearly as you can." Requests should be sent to: Jazz for the Asking, BBC World Service, Bush House, London.
Tues 0630 rep Weds 2130, Fris 1215

Jazz Workshop

Jazz writer and critic Chrissy Murray continues the series profiling some of today's leading jazz musicians. She ranges over a wide spectrum of styles and instruments — everything from be-bop to avant-garde, from baritone sax to harmonica and vibraphone — and adds her own insights into the background, life-style and musical influences of each of her subjects.

This month's featured artists are: the harpist **Alice Coltrane** *5th;* the flugelhorn player **Art Farmer** *12th;* **Jean-Luc Pontier,** violin *19th;* and **Art Pepper,** alto sax *26th.*
Sats 0430 rep Suns 1900, Mons 1115, Weds 0815

Tchaikovsky Concert — Live from London

Overture: 1812. Variations on a Rococo Theme. Karine Georgian (cello) with the Royal Philharmonic Orchestra, conducted by Yuri Temirkanov. A live relay from London's Royal Festival Hall.
27th 1515

DAY to DAY

Your guide to World Service

Saturday

0000 World News
09 News about Britain
15 Radio Newsreel
30 About Britain
45 Sarah and Company

0115 Outlook
45 *The Fred Woods Collection

0200 World News
09 British Press Review
15 *Network U.K.
30 People and Politics

0300 World News
09 News about Britain
15 The World Today
30 *Arranged for the Piano

0400 Newsdesk
30 Jazz Workshop
45 Financial News
55 Reflections

0500 World News
09 *British Press Review
15 *About Britain
30 * New Ideas
40 *Book Choice
45 The World Today

0600 Newsdesk
30 *Album Time

0700 World News
09 News about Britain
15 From the Weeklies
30 *Classical Record Review
45 *Network U.K.

0800 World News
09 Reflections
15 Latin '83
30 Animal, Vegetable or Mineral?

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 Science in Action

1015 What's New
30 Just a Minute (ex 26th, My Word!)

1100 World News
09 News about Britain
15 About Britain
30 Meridian

1200 Radio Newsreel
15 Anything Goes
45 Sports Round-up

1300 World News
09 Commentary
15 Network UK
30 A Small Town in Germany

1400 Big Band Sound (ex 5th, 19th, Saturday Special)
30 Arranged for the Piano (ex 5th, 19th)

1500 *Radio Newsreel
15 *Saturday Special

1600 World News
09 Commentary
15 Saturday Special

1700 *appx News Summary
02 *appx Saturday Special
45 Sports Round-up

1800 World News
09 News about Britain
15 Radio Newsreel
30 Play of the Week: 5th, 12th, Anna Karenina; 19th, Two Small Bodies; 26th, Scenes from Family Life

1930 Album Time (ex 5th 12th)

2000 World News
09 Commentary
15 Good Books
30 Book, Music and Lyrics

2115 Staying On
30 People and Politics

2200 World News
09 From our own Correspondent
30 New Ideas
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Letterbox
30 Meridian

ALTERNATIVES

SOUTH ASIA
0145-0200 South Asia Survey
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 This Week
0509-0515 African News
0515-0540 This Week
0540-0545 Background Africa
0630-0635 African News
0730-0735 African News
0735-0800 This Week
1500-1530 This Week
1700-1709 World News
1709-1715 African News
1715-1745 This Week

Sunday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Play of the Week

0130 Command Performance (ex 6th, 13th)

0200 World News
09 British Press Review
15 Lord Harewood's Musical Musings
30 Sports Review

0300 World News
09 News about Britain
15 From our own Correspondent
30 *Just A Minute (ex 27th, My Word!)

0400 Newsdesk
30 The Fred Woods Collection
45 Financial Review
55 Reflections

0500 World News
09 *British Press Review
15 *Letterbox
30 Lassus – The Prince of Music
45 Letter from America

0600 Newsdesk
30 *Big Band Sound

0700 World News
09 News about Britain
15 From our own Correspondent
30 *Sarah and Company

0800 World News
09 Reflections
15 *The Pleasure's Yours

0900 World News
09 British Press Review
15 People and Politics
45 Sports Review

1015 Classical Record Review
30 Religious Service

1100 World News
09 News about Britain
15 Letter from America
30 Command Performance (ex 6th, 13th, Play of the Week)

1200 Play of the Week

1300 World News
09 Commentary
15 Good Books
30 Short Story
45 The Sandi Jones Request Show

1430 6th, The Jesuits; 13th, The Bayreuth Story; 20th, Pepys: Diarist and Man of Action; 27th, The Disaster Centre

1500 *Radio Newsreel
15 *Concert Hall

1600 World News
09 Commentary
15 From our own Correspondent
35 Financial Review
45 Letter from America

1700 World News
09 *Meridian
40 *Reflections
45 Sportscall

1800 World News
09 News about Britain
15 Radio Newsreel
30 Animal, Vegetable or Mineral?

1900 Jazz Workshop
15 Radio Theatre; 6th, The Outcast; 13th, Conducted Tour; 20th, Hong Kong Fever; 27th, Marriages

2000 World News
09 Commentary
15 Letterbox
30 Sunday Half-Hour

2100 Lord Harewood's Musical Musings
15 *The Pleasure's Yours

2200 World News
09 Science in Action
40 Reflections
45 Sportscall

2300 World News
09 Commentary
15 Letter from America
30 Talking About Music

ALTERNATIVES

SOUTH ASIA
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Postmark Africa
0509-0515 African News
0515-0540 Postmark Africa
0540-0545 Name in the News
0630-0635 African News
0730-0735 African News
0735-0800 Postmark Africa
0815-0830 Blueprint Africa
0830-0900 African Perspective
1500-1530 African Perspective
1709-1715 African News
1715-1745 African Perspective
2115-2140 Postmark Africa
2140-2145 Book of the Day
2145-2200 Arts and Africa

Monday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Religious Service

0100 Book, Music and Lyrics
45 *Staying On

0200 World News
09 British Press Review
15 Good Books
30 Music Now

0300 World News
09 News about Britain
15 Recollections of a Professional Traveller (ex 28th, Maritime England)
30 *Anything Goes

0400 Newsdesk
30 7th, 14th, The Belton Estate; 21st, 28th, Short Stories by H.E. Bates
45 Letter from London
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 Latin '83
45 Lord Harewood's Musical Musings

0600 Newsdesk
30 *Talking about Music

0700 World News
09 Twenty-Four Hours: News Summary
30 *Command Performance (ex 7th, 14th, Just A Minute)

0800 World News
09 Reflections
15 Peebles' Choice
30 Anything Goes

0900 World News
09 British Press Review
15 Waveguide
25 Good Books
40 Look Ahead
45 Music Now

1015 Staying On
30 Album Time

1100 World News
09 News about Britain
15 Jazz Workshop
30 Preistland's Progress

1200 Radio Newsreel
15 Animal, Vegetable or Mineral?
45 Sports Round-up

listening at any time, any day of the week

Tuesday

1300 World News
09 Twenty-Four Hours: News Summary
30 Country Style
45 Talking About Music

1415 Recollections of a Professional Traveller (ex 28th, Maritime England)
30 John Peel

1500 Radio Newsreel
15 *Outlook

1600 World News
09 Commentary
15 *Musician at Large
45 The World Today

1700 World News
09 *Book Choice
15 *Just a Minute (ex 28th, My Word!)
45 Sports Round-up

1800 World News
09 News about Britain
15 Radio Newsreel
30 Brahms' Chamber Music

1900 Outlook
39 Stock Market Report
43 Look Ahead
45 Peebles' Choice

2000 World News
09 Twenty-Four Hours: News Summary
30 Sports International

2100 Network U.K.
15 Short Story
30 Musician at Large

2200 World News
09 The World Today
25 Book Choice
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Classical Record Review
30 Animal, Vegetable or Mineral?

ALTERNATIVES

SOUTH ASIA
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book of the Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus on Africa
1615-1630 Focus on Africa
1630-1645 Sporting Life
1709-1725 Focus on Africa
1725-1730 African News
1730-1745 Sporting Life

0000 World News
09 News about Britain
15 Radio Newsreel
30 Preistland's Progress (ex 1st, The Thames River Police)

0100 Waveguide
10 Paperback Choice
15 Outlook
45 Lassus – The Prince of Music (ex 1st, Music for the Court of Louis XIV)

0200 World News
09 British Press Review
15 *Network U.K.
30 Sports International

0300 World News
09 News about Britain
15 The World Today
30 *John Peel

0400 Newsdesk
30 Voices to Remember
45 Financial News
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 *What's New
45 The World Today

0600 Newsdesk
30 *Jazz for the Asking

0700 World News
09 Twenty-Four Hours: News Summary
30 *The Fred Woods Collection
45 *Network U.K.

0800 World News
09 Reflections
15 The Belton Estate (ex 22nd, Short Story by H.E. Bates)
30 Arranged for the Piano

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 Discovery

1015 Lord Harewood's Musical Musings
30 Rock Salad

1100 World News
09 News about Britain
15 Letter from London
25 Scotland This Week
30 Sports International

1200 Radio Newsreel
15 Brahms' Chamber Music
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Network U.K.
45 A Jolly Good Show

1430 1st, 8th, Tom Jones; 15th, 26 Men and a Girl; 22nd, Ann Veronica

1500 Radio Newsreel
15 *Outlook

1600 World News
09 Commentary
15 *Priestland's Progress (ex 1st, The Thames River Police)
45 The World Today

1700 World News
09 *Meridian
40 *Scotland This Week
45 Sports Round-up

1800 World News
09 News about Britain
15 Radio Newsreel
30 Nature Notebook
40 The Farming World

1900 Outlook: News Summary
39 Stock Market Report
43 Look Ahead
45 The Fred Woods Collection

2000 World News
09 Twenty-Four Hours: News Summary
30 Voices to Remember
45 1st, 8th, Tom Jones; 15th, 26 Men and a Girl; 22nd, Ann Veronica

2115 Letter from London
25 Paperback Choice
30 Rock Salad

2200 World News
09 The World Today
25 Scotland this Week
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Latin '83
30 Meridian

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book of the Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus on Africa
1615-1630 Focus on Africa
1630-1645 Blueprint Africa
1709-1725 Focus on Africa
1725-1730 African News
1730-1745 Blueprint Africa

FALKLANDS
2130-2200 Calling the Falklands

Wednesday

0000 World News
09 News about Britain
15 Radio Newsreel
30 A Jolly Good Show

0115 Outlook
45 *Report on Religion

0200 World News
09 British Press Review
15 *English Baroque Music
30 2nd, 9th, Tom Jones; 16th, 26 Men and a Girl; 23rd, Ann Veronica

0300 World News
09 News about Britain
15 The World Today
30 *Discovery

0400 Newsdesk
30 Waveguide
40 Book Choice
45 Financial News
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 *Dance of the World
45 The World Today

0600 Newsdesk
30 Brahms' Chamber Music

0700 World News
09 Twenty-Four Hours: News Summary
30 *Letter from London
40 *Paperback Choice
45 *Report on Religion

0800 World News
09 Reflections
15 Jazz Workshop
30 Frank Muir Goes Into.... (ex 2nd, Two Cheers for January)

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 English Baroque Music

1000 2nd, 9th, Tom Jones; 16th, 26 Men and a Girl; 23rd, Ann Veronica
30 Musician at Large

1100 World News
09 News about Britain
15 Listening Post
30 Meridian

1200 Radio Newsreel
15 Nature Notebook
25 The Farming World
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Radio Theatre

1415 Report on Religion
30 Frank Muir Goes Into.... (ex 2nd, Two Cheers for January)

1500 Radio Newsreel
15 *Outlook

1600 World News
09 Commentary
15 *Rock Salad
45 The World Today

1700 World News
09 *Listening Post
25 *New Ideas
35 *Waveguide
45 Sports Round-up

1800 World News
09 News about Britain
15 Radio Newsreel
30 Top Twenty

1900 Outlook: News Summary
39 Stock Market Report
43 Look Ahead
45 Lassus – The Prince of Music (ex 2nd, Music for the Court of Louis XIV)

2000 World News
09 Twenty-Four Hours: News Summary
30 Assignment

2100 Network U.K.
15 What's New
30 Jazz for the Asking

2200 World News
09 The World Today
25 Book Choice
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 The Belton Estate (ex 23rd, Short Story by H.E. Bates)
30 Top Twenty

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book of the Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus on Africa
1615-1630 Focus on Africa
1630-1645 Arts and Africa
1709-1725 Focus on Africa
1725-1730 African News
1730-1745 Arts and Africa

DAY to DAY

Thursday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Listening Post
45 Frank Muir Goes Into.... (ex 3rd, Two Cheers for January)

0115 Outlook
45 *Short Story

0200 World News
09 British Press Review
15 *Network U.K.
30 Assignment

0300 World News
09 News about Britain
15 The World Today
30 *Big Band Sound

0400 Newsdesk
30 Classical Record Review
45 Financial News
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 *Peebles' Choice
45 The World Today

0600 Newsdesk
30 *Nature Notebook
40 *The Farming World

0700 World News
09 Twenty-Four Hours: News Summary
30 *Country Style
45 *Network U.K.

0800 World News
09 Reflections
15 Short Story
30 John Peel

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 Talking About Music

1015 Recollections of a Professional Traveller
30 Frank Muir Goes Into .... (ex 3rd, Two Cheers for January)

1100 World News
09 News about Britain
15 New Ideas
25 The Week in Wales
30 Assignment

1200 Radio Newsreel
15 Top Twenty
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Network U.K.
45 The Pleasure's Yours

1430 Discovery

1500 Radio Newsreel
15 *Outlook

1600 World News
09 Commentary
15 *Assignment
45 The World Today

1700 World News
09 *Meridian
40 *The Week in Wales
45 Sports Round-up

1800 World News
09 News about Britain
15 Radio Newsreel
30 A Small Town in Germany

1900 Outlook: News Summary
39 Stock Market Report
43 Look Ahead
45 Report on Religion

2000 World News
09 Twenty-Four Hours: News Summary
30 A Jolly Good Show

2115 Ulster Newsletter
20 In the Meantime
30 Business Matters

2200 World News
09 The World Today
25 The Week in Wales
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 Merchant Navy Programme
30 Meridian

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
0330-0335 African News
0335-0400 Network Africa
0509-0515 African News
0515-0540 Network Africa
0540-0545 Book of the Day
0630-0635 African News
0635-0700 Network Africa
0730-0735 African News
0735-0800 Network Africa
1515-1530 Focus on Africa
1615-1630 Focus on Africa
1630-1645 Medical Prog
1709-1725 Focus on Africa
1725-1730 African News
1730-1745 Medical Prog

Friday

0000 World News
09 News about Britain
15 Radio Newsreel
30 Radio Theatre

0115 Outlook
45 *Ulster Newsletter
50 *In the Meantime

0200 World News
09 British Press Review
15 Dances of the World
30 4th, The Fibre Story; 11th, The Jesuits; 18th, The Bayreuth Story; 25th, Pepys: Diarist and Man of Action

0300 World News
09 News about Britain
15 The World Today
30 *Business Matters

0400 Newsdesk
30 Country Style
45 Financial News
55 Reflections

0500 World News
09 *Twenty-Four Hours: News Summary
30 *English Baroque Music
45 The World Today

0600 Newsdesk
30 *Arranged for the Piano

0700 World News
09 Twenty-Four Hours: News Summary
30 *Voices to Remember
45 *Merchant Navy Programme

0800 World News
09 Reflections
15 Dances of the World
30 A Small Town in Germany

0900 World News
09 British Press Review
15 The World Today
30 Financial News
40 Look Ahead
45 Big Band Sound

1015 Merchant Navy Programme
30 Business Matters

1100 World News
09 News about Britain
15 In the Meantime
25 Ulster Newsletter
30 Meridian

1200 Radio Newsreel
15 Jazz for the Asking
45 Sports Round-up

1300 World News
09 Twenty-Four Hours: News Summary
30 Book, Music and Lyrics

1415 Letterbox
30 Album Time

1500 Radio Newsreel
15 *Outlook

1600 World News
09 Commentary
15 *Science in Action
45 The World Today

1700 World News
09 *Sarah and Company
40 *Book Choice
45 Sports Round-up

1800 World News
09 News about Britain
15 Radio Newsreel
30 4th, The Fibre Story; 11th, The Jesuits; 18th, The Bayreuth Story; 25th, Pepys: Diarist and Man of Action

1900 Outlook
39 Stock Market Report
43 Look Ahead
45 About Britain

2000 World News
09 Twenty-Four Hours: News Summary
30 Preistland's Progress (ex 4th, The Thames River Police)

2100 Network U.K.
15 Music Now
45 Recollections of A Professional Traveller

2200 World News
09 The World Today
25 Book Choice
30 Financial News
40 Reflections
45 Sports Round-up

2300 World News
09 Commentary
15 From the Weeklies
30 A Small Town in Germany

ALTERNATIVES

SOUTH ASIA
0145-0200 The World Today
0215-0230 Radio Newsreel

AFRICA
As Thursday except:
1630-1645 African Papers
1730-1745 African Papers

FALKLANDS
2130-2200 Calling the Falklands

AFRICAN ALTERNATIVES

NEWS OF THE AFRICAN WORLD *daily 0330, 0509, 0630, 0730, 1709 (Sats. Suns only) 1725 (ex Sats, Suns).*

NETWORK AFRICA coast-to-coast coverage of the events and the action presented by Hilton Fyle. *Mons to Fris 0335 rep 0515, 0635, 0735.*

FOCUS ON AFRICA up-to-the-minute and authoritative reports on the African political scene from a continent-wide team of reporters. *Mons to Fris 1515, 1615, 1709*

THIS WEEK AND AFRICA a summary of the major political events plus the latest correspondents' reports. *Sats 0335, 0515, 0735, 1500, 1715*

AFRICAN PERSPECTIVE each week, a feature or discussion analysing a major African issue. *Suns 0830 rep 1500, 1715*

POSTMARK AFRICA listeners from all over Africa hear their questions answered. *Suns 0335 rep 0515, 0735, 2115*

THIS SPORTING LIFE Africa's top sports action as it happens. *Mons 1630 rep 1730*

BLUEPRINT AFRICA what's new in the worlds of development and technology. *Suns 0815 rep Tues 1630, 1730*

ARTS AND AFRICA Alex Tetteh-Larteh meets Africa's writers, musicians, painters and performers. *Suns 2145 rep Weds 1630, 1730*

THE MEDICAL PROGRAMME health and medicine in Africa today. *Thurs 1630 rep 1730*

WHAT THE AFRICAN PAPERS SAY a weekly look at editorial comment and coverage in Africa's major newspapers. *Fri 1630 rep 1730*

BOOK OF THE DAY a book review geared to the African scene. *Suns 2140 rep Mons 0450, Tues-Fris 0540*

BACKGROUND AFRICA a comment of an item in the news this week. *Sats 0540*

NAME IN THE NEWS who – or what – has been making the headlines in Africa. *Suns 0540*

YUGOSLAVIA (Zagreb VJESNIK in Serbo-Croatian, 21 Feb 82, summary in FBIS Daily Report/ Eastern Europe via R Horvitz) Work on assembling a 1,200-kilowatt medium-wave transmitter for Zagreb Radio's first program was begun recently in the Radio Industrija factory in Zagreb. The new transmitter is expected to begin transmitting in May next year. It will improve the reception of the Zagreb Radio first program in Dalmatia, a part of Lika, the Croatian Littoral and Istria and in the areas of Western Europe in which workers temporarily employed live. It will also cover the Mediterranean area and most Arab countries, and will also improve reception further in the Atlantic than at present. The new transmitter will be located at Nin near Zadar. Work on constructing the necessary buildings for the new transmitter and four 132-meter high directional antennas has also begun at Nin. These antennas will be directed toward Western Europe and the Scandinavian countries.

ZIMBABWE (Harare The Herald, 15 May, via WWR:TPR&D #223 via R Horvitz) South Africa, in association with the spy Captain Frank Gericke, is establishing a so-called "Voice of Zimbabwe" north of Pretoria to be beamed in a few months time to the Midlands and North Matabeleland, the Minister of State in the Prime Minister's Office Mr Emmerson Munangagwa, told last night's annual meeting of the Midlands Chamber of Industries. "This is clearly a propaganda adventure by the Botha regime whose sole aim is to destabilize the socio-economic and political fabric of our society and country," he said. "I am stating this so that the industrial sector can be aware of the inimical machinations of the enemy so that with ample knowledge you may be able to tighten your belts and declare: 'We will succeed in Zimbabwe'," he said...

(UN Chronicle, Aug 82, via R Horvitz) "Youth in the Electronic Age 1983" is the title of the fourth world-wide photo and drawing competition of the International Telecommunication Union. The competition is to be one of the highlights of World Communication Year (WCY), which is scheduled for 1983. The theme of the competition is "Telecommunications for Everyone" and young people (8 to 18 years) are invited to imagine and depict graphically, in drawings or photos, what that might mean for themselves and their countries. The intention is to stimulate interest in WCY and the possibilities open to youth in the expanding field of communications technology. The competition begins on the occasion of the 14th World Telecommunication Day, 17 May 1982...

17 countries have already recognized the importance of the competition and have begun organizing it nationally. Their juries will screen entries to be submitted to the international jury, which will meet in Geneva in September 1983. The countries which have already begun preparations are: Bahamas, Barbados, Canada, the Federal Republic of Germany, Fiji, Indonesia, Iran, Jamaica, Japan, Madagascar, Peru, Sri Lanka, Sweden, Tanzania, Thailand, Trinidad and Tobago, and Zimbabwe. The entries considered by the international jury will be exhibited and awarded prizes during TELECOM 83, fourth World Telecommunications Exhibition, to be held in Geneva from 26 October to 1 November 1983...

The General Regulations giving complete details of the competition may be obtained from the national authority coordinating the competition in ITU's member countries or from: ITU "Youth in the Electronic Age 83" Competition, Public Relations Division, Place des Nations, CH-1211 Geneva, Switzerland.

ANNEE MONDIALE DES COMMUNICATIONS
WORLD COMMUNICATIONS YEAR
AÑO MUNDIAL DE LAS COMUNICACIONES
1983

LAST MINUTE NEWS CLANDESTINE Solidarity program in Polish via Radio Clarín, reported last month in this space, also heard by gh Friday (only?) Jan. 14 at 1930-2000 on 11700 kHz. Thanks to a tip from Charles Hargrove in New York, a new Nicaraguan cland (or a new name for an old one; advance publicity on LV de Sandino), La Voz de Nicaragua Libre, heard GMT Mon. Jan. 17 on exactly 5850 kHz (tho jumped briefly to 5852), RCSSB, 0406-0454; talks about Frente Democrático Nicaragüense, and the Alianza Revolucionaria Democrática; long commentary on Costa Rica; claims there is Soviet-Cuban interference in Nicaragua. ID in passing at 0432; xmsn petered out with progressively worse and longer audio failure, no formal s/off. Monitored next morning and all next evening but only traffic on fq besides ute was US military-sounding tacticals including "Echo 73". UNITED NATIONS Revised UNR schedule from 31/12 shows main English programs: Fridays 1930-2000 21710 20060 18782½ 15360 15120; Fri 2100-2115 & 2130-2200 on 17730 15120; Sat 0945-1015 15250 13860 9565 (gh) PERÚ Tony Jones, Paraguay notes 3 unIDs: 5360 in Juanjuí to 0350*v; 6520 at 0200; 6908 0330, seems in the north (R Nuevo Mundo)

READ THIS OR ELSE you may have problems with your subscription. RIB doesn't pester you to renew; the only notice you receive is exposure of the box normally under your mailing label, and a red arrow on the label. Best time to renew is immediately upon receipt of such notice, not earlier or later. Canadians must remit not only in US $ but also drawn on a US bank if via Canadian bank draft; a 210 in the banking code number confirms this. Otherwise I must dock you 3 issues for $3 bank charge here. Canadian postal money orders in US $ are fine, too. SPARE RIBS FOR SALE: Set of RIB #24-71 as set only, with file cases, $50.00 or best offer. Call 817-699-9468 (not collect) 0300-0515 /UTC?/ or write: Peter W. Knightes, 2402 Custer Circle, Killeen, TX 76543. (Also has back FRENDX for $50 etc)

SWL HEADQUARTERS

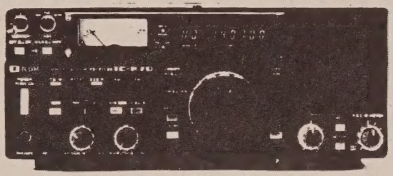
ELECTRONIC EQUIPMENT BANK THE NAME IN SHORTWAVE LISTENING

ICOM The World System

IC-R70

NEW

A WORLD CLASS RECEIVER FOR THE SERIOUS LISTENER



- ☐ Pass Band Tuning
- ☐ Notch Filter
- ☐ CW-RTTY Wide/Narrow
- ☐ Computer Compatible
- ☐ Fully Synthesized
- ☐ Noise Blanker Wide/Narrow

Frequency Coverage — 100KHz to 30MHz
Receiving Modes — AM · SSB · CW · RTTY (FM optional)
I.F. Frequency — 1st 70MHz, 2nd 9MHz, 3rd 455KHz
Dynamic Range — 100 db at 500Hz B.W.
Audio Output — 3 watts 8 ohms 10% distortion
Power Supply — AC 117-220 V 50/60Hz 25 watts
DC 13.8V ± 15% 10 watts

Size — 11.25"w, 4.33"h, 10.80"d, 16.25 lb. wt.
Sensitivity (1.6-30MHz) — SSB-CW-RTTY — .16uV for 10 db S/N
AM — .5uV
Optional FM — .32uV (12 db sinad)
Selectivity — SSB-CW-RTTY — 2.3KHz
CW-N RTTY N — 500Hz
AM — 6KHz · 3KHz PBT
FM (optional) — 15KHz

ICOM, a world leader in amateur radio, now introduces a revolutionary receiver not previously available for under $1500. Priced at only $749.

As Advertised on WRNO Worldwide

Special Introductory SALE $695

YAESU FRG-7700

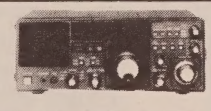
EEB'S BIGGEST SELLER

New Low Price $439.00

Save $110.00

	List	SALE
MU-7700 Memory Unit	149.00	**135.00**
FRV-7700A VHF Converter	149.00	**135.00**
FRV-7700F VHF Converter	149.00	**135.00**
FRT-7700 Antenna Tuner	59.00	
FRA-7700 Active Antenna	59.00	
FF-5 Low Pass Filter	20.00	
DC-7700 DC for FRA-7700	8.00	

10% Off List Prices on Accessories With Radio Purchase



- Coverage of 150 kHz through 29.99 MHz on AM, SSB, CW and FM.
- Digital frequency display using bright yellow LED digits for maximum visibility.
- Built-in quartz digital clock with timer for control of station accessories.
- Three AM bandwidths for changing interference conditions on crowded shortwave broadcast bands.
- Tape recorder output jack on front panel. Record while you're away using the built-in on/off timer.
- Noise blanker, AGC selection, and RF attenuation level controlled from front panel.
- Optional memory unit allows storage and recall of up to twelve frequencies—no more frantic dial twisting at I.D. time! A backup feature holds memory channels while the FRG-7700 is turned off.
- Optional accessories: FRV-7700 VHF Converter, FRT-7700 Antenna Tuner, FRA-7700 Active Antenna, FF-5 500 kHz Low-Pass Filter, DC-7700 DC Kit, YH-77 Headphones.

As Advertised on WRNO Worldwide

KENWOOD R-1000/R-600

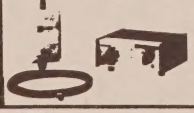
COMMUNICATIONS RECEIVERS

R-600 $329.00

Frequency range 200 kH_z-30.0 MH_z AM, SSB, and CW modes. Built-in noise blanker, PLL synthesizer covers 30 bands between 200 kH_z to 40 MH_z. Ideal 3-stage IF filters for receiver mode. Power requirements 100, 120, 220, 240 VAC, 50/60 H_z. 12 VDC option.

The McKay Dymek DA 100D All Wave Receiving Antenna

$139.00



Frequency Coverage: 50 kH_z to 30 MH_z, continuous
Antenna Height: 4'8" (142 cm)
Output Impedance: Switch selectable 50, 100, 500 ohms
Power: 120-220 VAC switchable, 50-60 H_z 4 watts, or 12 VDC 0.4 Amp

FREE CATALOGUE

Foreign 3IRC's Air Mail

- We ship world-wide
- Shipping charges not included
- Prices & specifications subject to change without notice
- SORRY—NO COD's

10-5 TWF
10-9 Th
10-4 Sat
Closed Sunday and Monday

Electronic Equipment Bank
516 Mill Street, N.E.
Vienna, Virginia 22180

Order Toll Free 800-368-3270
Virginia 703-938-3350

EEB

10 Miles West of Washington, D.C.

REVIEW OF INTERNATIONAL BROADCASTING

GLENN HAUSER
Box 6287
Knoxville, TN 37914

FIRST CLASS
PERMIT NO. 586
U.S. POSTAGE
PAID
KNOXVILLE TN

FIRST CLASS MAIL

SUBSCRIPTION INFORMATION For 12 issues by first class in North America, US$15. Elsewhere US$16. Overseas airmail: Caribbean, Central America, Colombia & Venezuela US$20; rest of Latin America, Europe, North Africa US$22; rest of Africa, USSR, Asia & Oceania US$24. Samples $1.25 in North America (mint stamps accepted for this only); elsewhere, US$2.00 (or 8 IRCs accepted for this only). Remittances must be payable to Glenn Hauser, or R.I.B., and must be in US funds and drawn on a US bank! Fractional or multiple-year subscriptions are not accepted. Please do not request a sample more than once.

WHEN WRITING ABOUT YOUR SUBSCRIPTION, to subscribe, renew, change address, advise of defective or missing copy, PLEASE BE SURE to include the number on your address label. We will NOT be responsible for missing or duplicate issues if you do not give the code number on your mailing label.

PURPOSE OF RIB To provide program information, and an open forum for the discussion of programming on shortwave, and secondarily on other media; and for the discussion of related topics. Please do not ask the editor for personal advice on receivers or other equipment.

DISCLAIMER The opinions expressed in RIB are those of the person to whom attributed. The editor/publisher expressly disclaims any liability. Any material sent to RIB which is not intended for publication should be so specified; otherwise it will be considered open to publication. Unless reprinted or copyrighted elsewhere, all material published in RIB becomes the property of RIB, including subsequent adaptation, reprinting, and/or broadcasting, always with proper attribution, unless otherwise agreed.

REPRINTING OR BROADCASTING FROM RIB Excerpts may be quoted, provided full credit is given to the original contributor and to RIB. The editor would appreciate a copy of the script or publication quoting from RIB.

RIB ON THE AIR Material from and for RIB may be used on our weekly DX program WORLD OF RADIO, carried on selected domestic stations and on WRNO Worldwide, GMT Sundays 0230-0300 on 6155 and 2330-2400 on 11890 kHz.

RIB CENTER FEATURES Shows We Like, recommended programs by time, four times a year (updates other months); Broadcasts in English, times and frequencies by country, four times a year; News in English, and DX Programs in English, each twice a year.

RIB DEADLINES Friday, normally the first or second in the month; publication within 10 days; subject to change for the editor's convenience.

LISTENERS NOTEBOOK complements RIB; samples $1, only from North American Shortwave Association, Box 13, Liberty IN 47353.

TIME TO RENEW? If there is a 73 on your address label, this is the last issue of RIB on your present subscription. This is the only notice you will receive. Thanks for your cooperation, and I hope you enjoy your next year with RIB! (gh)